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the guide

2007
collection
2012

UK Edition
April 2008





If you need a quick response from us on a project, contact us.
Samples requested before 3pm will be dispatched on the same day.
We will do everything possible to ensure that you receive your
samples within 48 hours.

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Our mission: a brighter everyday

For 50 years, Polyrey has been creating, developing and producing decorative laminate surfaces for interior fitting. Our collections are carefully put together to meet the needs of your professional and residential interior fitting projects. We therefore place great importance on the choice of our colours, surface finishes and products.

Our customers and suppliers: interior fitting specialists

A well-known brand within the industry, Polyrey is able to help you at every stage of your project. We work closely with specifiers, shopfitters, fabricators and distributors to promote the accessibility, knowledge and fabrication of our products. This level of communication means that Polyrey can always provide you with the most suitable solution for your needs.

Our expertise:

Our 2007-2012 collection has been created around our main area of expertise: decorative laminate surfaces.

Since many projects run for a number of years, we have extended the lifespan of our collection to 5 years.

Our stylist has created a collection which is a balance of contemporary decors which are relevant today, along with more avant-garde designs. And since fashions constantly evolve, we will introduce creative ranges every year to add to our core collection.

Our uniqueness: complementarity

Since decorative laminate surfaces are the ideal and most durable surfaces for your interior fitting projects, we have made HPL, Compact and laminate bonded board available across the breadth of our decorative offer.

This combination of products is further enriched by the availability of a selection of decors in melamine faced chipboard, MDF and plasterboard (new).

It is therefore possible for you to find the most economic and technically suitable solution for your projects.

Our strength: our team

A French brand, we have a strong commercial presence throughout Europe, notably in France, the UK, Belgium, Holland, Germany, Spain, Portugal and Italy.

Our distribution network provides you with the confidence of quick and easy availability of our products, whether for domestic or international projects.



Our plus point: the backing of a large group

In December 2006, Polyrey joined the ITW group within its Wilsonart business.

Wilsonart is a laminate manufacturer based in Temple, Texas, USA with a worldwide presence. This new partnership of expertise and commercial experience presents Polyrey with scope for product innovation, decor development and the centralisation of logistics.

As a responsible organisation committed to the protection of the environment, Polyrey leads an active policy to reduce the impact of its activity on the environment throughout all stages of the manufacturing process and life cycle of its products.

From an early stage, Polyrey introduced environmental procedures monitored via a process of "total quality". As a result the respect of the environment is a daily concern in all our activities. All of our suppliers share our environmental philosophy.

The whole Polyrey organisation is driven by the principle of Total Quality. All our factories and market units have ISO 9001 version 2000 certification.

Origin of raw materials

Polyrey factories are PEFC certified for the supply of core board. PEFC is a trademark guaranteeing that the woods used in the manufacturing process are sourced from sustainable forests.

As an alternative to wood based core boards, Polyrey has developed a melamine faced plasterboard product, a material which contains less formaldehyde and has better fire retardant properties.

Removal of heavy metals and toxic products

Polyrey uses neither heavy metals, such as chrome, mercury or lead, nor toxic components containing antimony, barium, cadmium or selenium in its production processes.

Polyrey has improved its manufacturing processes in order to reduce the level of methanol present in its products.

Water and energy management

Polyrey is making constant efforts to improve the efficiency of its processes by reducing its consumption of water and energy through the recycling of its waste products. For example: the consumption of water sourced from the Dordogne river for the factory in Couze has been reduced by a factor of 10 over a period of 15 years; waste products are burned and converted into steam to operate the presses without the need for additional sources of energy.

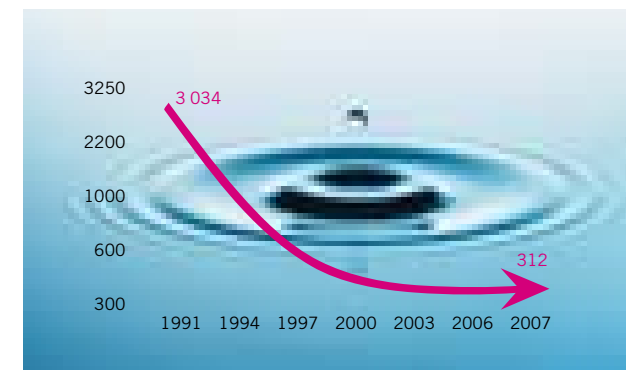
Reducing the environmental impact

Polyrey monitors its solid, liquid and gas waste and limits noise in order to reduce the environmental impact of its activity.

For example:

- **Water pollution:** water pollution is monitored on a daily basis. Polyrey's achievements throughout the monitoring process (quantity, temperature, pH...) are higher than DRIRE* requirements. Over the last 10 years, the release of nitrogen has been reduced by a factor of 19 and the phenolic index by a factor of 24.
- **Air pollution:** in 1997 Polyrey installed a treatment plant for volatile organic compounds where dust is filtered, stored in silos and burned to produce energy.
- **Noise pollution:** the level of noise has been reduced by the introduction of noise dampening machine housings as well as external noise reduction measures.
- **Recycling:** recycling has been standard practice for a number of years in all areas. 80% of waste products are either converted into energy or recycled by specialised companies: the re-use of pallets, recycling of paper, cardboard and plastic, resale of scrap metal...

* Regional institute for industry research and the environment



Volume of water consumed during production in m³ per year



Proximity and listening

At Polyrey, we strive to achieve good customer service through constant dialogue between you and the whole Polyrey team throughout the specification process.

More than 100 people in the field are in constant contact with you to help you in your projects, with customer services available to speak to you on a daily basis.

Our website provides you with information whenever you need it: **www.polyrey.com** and with our Express Sample Service, samples ordered before 3pm are sent out on the same day. Polyrey does everything possible to ensure you receive your samples within 48 hours of order.

Creativity

As a creative leader in the laminate industry, Polyrey has ensured the longevity of design concepts and specifications with an increase in the lifespan of its collection from 3 to 5 years.

Its experience in the creation of collections over the last 5 decades has provided Polyrey with an insight into fundamental, lasting decorative trends.

A range of stylish decors added to the main collection every year keep you ahead of ever-changing trends and provide you with the assurance of an up to date offer.

Availability

Polyrey works in all areas to meet your needs as quickly as possible with an effective computer system, proactive logistics and flexible production.

This proactive and flexible approach to production optimises delivery for your projects whatever the order quantities.

Over 1500 references are available in over 200 distribution outlets throughout Europe and in factory stock.

HPL decors à la carte

In an effort to meet all your projects requirements, several products can be customised specifically for you subject to a minimum order quantity (speak to your Polyrey sales representative).

For example, it is possible to have a different surface finish:

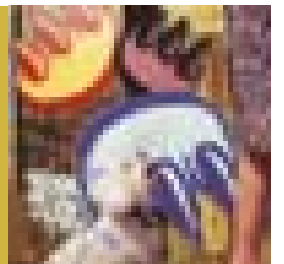
- Combine the 100 *Papago* plain colours with 3 textured finishes - EPI, BATI and STRIE - to add texture to a plain colour.
- For a highly lacquered effect, request Papago, Origine and Influence decors in the new BRIHG finish.
- For a silky effect, request Origine and Influence decors in the new SOFT finish.

Signature, the flexibility of bespoke design

Signature, the simple digital printing process from Polyrey gives you scope for true personalisation of design.

Add expression to wall panelling, murals, doors and cubicles.

You can make interior fitting informative, communicative and enticing.



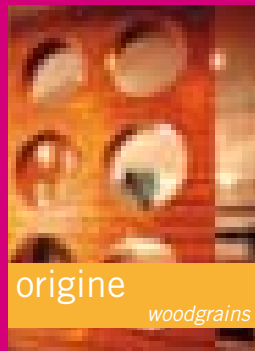
signature
digital printing

A rich palette of decors and products for all types of interior fitting, from the most simple to the more adventurous.

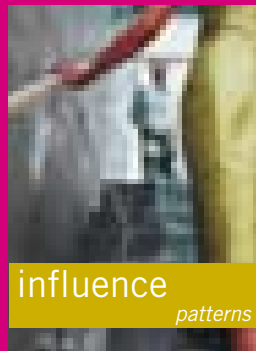
Complementary products



papago
plain colours



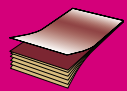
origine
woodgrains



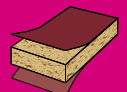
influence
patterns



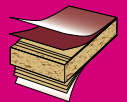
pluralis
visual effects



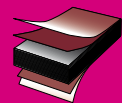
Polyrey HPL
High pressure laminate



Panoprey
Melamine faced board



Polyprey
Board bonded with high pressure laminate



Compact
Solid grade laminate



Edging
Thin and ABS

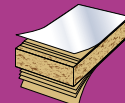
Select products



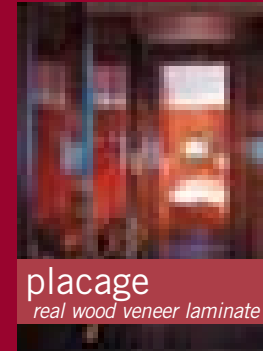
pur métal
real metal laminate



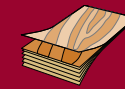
Polyrey Pur Métal
Real metal laminate



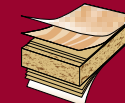
Panométal
Board bonded with real metal laminate



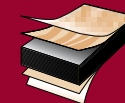
placage
real wood veneer laminate



Polyrey Placage
Real wood veneer laminate



Panoplacage
Board bonded with real wood veneer laminate



Compact
Real wood veneer solid grade laminate



Placage Edging
Real wood veneer edging

Specific application products



Omega & Odyssey
worktops



Cubicle & Washroom
Collection

Omega and Odyssey
Worktops

Cubicle & Washroom Collection
High pressure laminate, Melamine faced chipboard and Compact for cubicles, vanity units and lockers

Alphanumeric decor Index

All Polyrey decors have a numeric code. The table below lists the decors with their range name helping you to find their product availability:

- Les Essentiels: Papago, Origine, Influence, pages 14 to 27
- Pluralis, page 28
- Placage, page 29
- Pur Métal, page 30

Code	Decor	Range	Code	Decor	Range	Code	Decor	Range	Code	Decor	Range	Code	Decor	Range	Code	Decor	Range
005	Noir Classique	papago	B 092	Brossé Gris	influence	F 007	Fossile	papago	M 021	Merisier Pourpre	origine	P 049	Platane Naturel	origine	V 030	Vega Blanc	pluralis
030	Blanco Especial	papago	B 094	Brushed Copper	influence	F 008	Fumée	papago	M 024	Marron Classique	papago	P 053	Pétale de Rose	papago	V 031	Vega Bleu	pluralis
122	Vert Classique	papago	B 097	Bleu Océan	papago	F 011	Fruitier Ambré	origine	M 047	Mousse	papago	P 057	Papyrus Bleuét	influence	V 032	Vega Noir	pluralis
149	Gris Paloma	papago	B 099	Brushed Metal	influence	F 012	Fruitier Cendré	origine	M 053	Matrix Etain	influence	P 060	Parme	papago	V 050	Volans Bleu	pluralis
156	Crème Classique	papago	B 100	Banlian Blanchi	origine	F 013	Fruitier Naturel	origine	M 065	Matrix Gravier	influence	P 066	Pearl Blanc	pluralis	V 051	Volans Noir	pluralis
206	Crema Claro	papago	B 101	Banlian Noirci	origine	F 017	Fard	papago	M 076	Myriade Bleu	influence	P 067	Poirier Naturel	origine	V 052	Volans Rouge	pluralis
A 008	Alu Brossé	pur métal	B 102	Bouleau de Sibérie	origine	F 025	Ash	placage	M 077	Myriade Jaune	influence	P 070	Pois Cassé	papago	V 070	Volans Camouflage	pluralis
A 009	American Cherry	placage	B 104	Steamed Birch	placage	F 026	Feutre	papago	M 078	Myriade Brique	influence	P 076	Poudre	papago	W 034	Toscan Chaume	influence
A 014	Aigue Marine	papago	C 000	Canon de Fusil	pur métal	F 048	Fresco Bleu	influence	M 079	Myriade Vert	influence	P 078	Papyrus Craie	influence	W 041	Toscan Soleil	influence
A 022	Acajou de Floride	origine	C 001	Champignon	papago	F 049	Fresco Gris	influence	M 090	Merisier Clair	origine	P 080	Pétunia	papago	W 043	Toscan Piment	influence
A 027	Alu Brossé R	pur métal	C 003	Chêne de Macédoine	origine	F 051	Fresco Vert	influence	M 091	Merisier Ambré	origine	P 087	Poirier Classique	origine	W 044	Toscan Méditerranée	influence
A 031	Albâtre	papago	C 004	Charme d'Amboise	origine	F 060	Frêne Nature	origine	M 092	Myosotis	papago	P 092	Pomme Verte	papago	Y 022	Rose Bougainvillée	papago
A 034	Alu Brillant	pur métal	C 010	Canadian Maple	placage	G 003	Gris Perle	papago	N 001	Nectarine	papago	P 094	Prunier d'Alsace	origine	Z 002	Zebra Moka	origine
A 035	Alu Or	pur métal	C 011	Caviar	influence	G 005	Grand Bleu	papago	N 002	Néon	papago	P 100	Piqué Cuivre	influence	Z 008	Zebrano Naturel	origine
A 036	Amandine	papago	C 014	Chêne Cérusé	origine	G 007	Glam Ambre	pluralis	N 003	Noyer du Périgord	origine	P 101	Piqué Vif-Argent	influence	Z 009	Zebrano Ambré	origine
A 042	Alu Ligné	pur métal	C 015	Chêne de Bergerac	origine	G 008	Glam Champagne	pluralis	N 005	Noir	papago	P 102	Pop Anis	influence	Z 020	Zebrano	placage
A 047	Alu Mat	pur métal	C 017	Coquille d'Œuf	papago	G 009	Glam Dentelle	pluralis	N 010	Noyer Perlé	origine	P 103	Pop Mandarine	influence			
A 048	Alisier Doré	origine	C 018	Chardon	papago	G 010	Glam Ganache	pluralis	N 021	Nova Vanille	influence	P 104	Pop Régisse	influence			
A 049	Alisier Pourpré	origine	C 026	Coco Foncé	origine	G 012	Grès	papago	N 022	Nova Lilas	influence	R 001	Rouge Mephisto	papago			
A 057	Aulne Naturel	origine	C 030	Cosmic Beige	influence	G 013	Gris Averse	papago	N 023	Nova Saphir	influence	R 021	Rose Tendre	papago			
A 058	Acier Oxydé	influence	C 031	Cosmic Vert	influence	G 024	Grenade	papago	N 024	Noyer Tropical	origine	R 036	Rouge Cerise	papago			
A 059	Azalée	papago	C 034	Cuivre Oxydé	influence	G 028	Gris Flanelle	papago	N 025	American Walnut	placage	R 043	Rouge Ming	papago			
A 062	Aquarelle Soleil	influence	C 035	Camouflage	papago	G 029	Gris Tourterelle	papago	N 026	Noyer Ombré	origine	S 002	Sumac de Coromandel	origine			
A 064	Aquarelle Orangeade	influence	C 036	American White Oak	placage	G 030	Géranium	papago	N 027	Noyer Vénitien	origine	S 011	Safran	papago			
A 069	Argile	papago	C 045	Chêne Acajou	origine	G 031	Genêt	papago	N 028	Nova Mousse	influence	S 012	White Sycamore	placage			
A 071	Alu Glacé	pur métal	C 062	Capucine	papago	G 033	Gris Typhon	papago	N 030	Tinted Walnut	placage	S 018	Schiste	papago			
A 082	Figured Anegre	placage	C 062	Capucine (EPI - STRIE - BATI)	pluralis	G 044	Gris Dauphin	papago	N 031	Aged Walnut	placage	S 030	Strass Blanc	pluralis			
A 088	Aubergine	papago	C 070	Châtaigne	papago	G 059	Gris Orage	papago	N 049	Nova Argile	influence	S 033	Strass Noir	pluralis			
A 091	Tinted Mahogany	placage	C 091	Chêne de Fil Brun	origine	G 067	Galva Rouille	influence	O 022	Oxygène	papago	S 035	Strass Vert	pluralis			
A 092	Alu Or R	pur métal	C 092	Chêne de Compiègne	origine	G 068	Galva Zinc	influence	O 030	Olivier de Séville	origine	S 039	Cérusé Rose	origine			
A 093	Canon de Fusil R	pur métal	C 094	Cactée	papago	H 008	Hêtre Doré	origine	O 031	Olive	papago	S 040	Cérusé Clair	origine			
B 001	Bleu Flash	papago	C 098	Chêne de Fil Naturel	origine	H 011	Light Beech	placage	O 032	American Oak	placage	S 076	Sable Seychelles	influence			
B 004	Blanc Lys	papago	C 099	Flat-grained Oak	placage	H 012	Hêtre Naturel	origine	O 034	Steamed Beech	placage	S 077	Sable Tahiti	influence			
B 012	Blanc Antique	papago	C 100	Cerisier d'Europe	origine	H 014	Hibiscus	papago	O 036	Ash	placage	S 095	Stucco Cannelle	influence			
B 014	Blanc Avoriaz	papago	C 101	Chêne Brun Horizontal	origine	H 019	Hêtre Clair	origine	O 037	American Walnut	placage	S 096	Stucco Cobalt	influence			
B 015	Blanc Menuires	papago	C 102	Chêne Clair Horizontal	origine	H 022	Hêtre Lamellé	origine	O 050	Orient Havane	origine	S 097	Stucco Curry	influence			
B 015	Blanc Menuires (EPI-STRIE-BATI)	pluralis	C 103	Chêne Lavé	origine	H 025	Pommier de Honfleur	origine	O 052	Tinted Mahogany	placage	S 098	Stucco Paprika	influence			
B 018	Blush	papago	C 104	Cœur de Pommier	origine	H 030	Hêtre Etuvé	origine	O 054	Ombre	papago	S 099	Stucco Poivre	influence			
B 023	Bois de Pécan	origine	C 106	Côtelé Gris	influence	I 004	Inox Brossé	influence	O 057	Chestnut	placage	T 005	Turquoise	papago			
B 031	Borneo Naturel	origine	C 107	Côtelé Orange	influence	J 001	Jaune Vulcano	papago	O 058	Aged Walnut	placage	T 007	Tilleul	papago			
B 041	Brasilia	influence	C 108	Chestnut	placage	J 016	Jaune de Naples	papago	O 059	Canadian Maple	placage	T 020	Toraja Wood	origine			
B 041	Brasilia (STRIE)	pluralis	C 109	Canelure Argent	pur métal	J 017	Jaune Fondant	papago	O 068	Wenge	placage	T 025	Teck Massif	origine			
B 043	Ebony Wood	placage	D 018	Chêne de Meymac	origine	J 018	Jaune Gouache	papago	P 001	Pierre de Lune	papago	T 037	Tadelakt Amande	influence			
B 044	Bouton d'Or	papago	D 021	Pommier de Deauville	origine	K 001	Kiwi	papago	P 002	Palmarès Bleu	papago	T 038	Tadelakt Caramel	influence			
B 048	Bleu Oslo	papago	D 022	Damask Grenat	influence	K 003	Kaki	papago	P 003	Pigeon	papago	T 039	Tadelakt Gingembre	influence			
B 052	Béton Bleu	influence	D 023	Damask Obsidienne	influence	L 000	Lamellé Wengé Métal	origine	P 006	Palissandre de Guyane	origine	T 040	Tadelakt Muscat	influence			
B 053	Béton Gris	influence	D 024	Damask Porcelaine	influence	L 005	Lin	papago	P 009	Poirier de Corrèze	origine	T 041	Tadelakt Tomato	influence			
B 057	Béton Naturel	influence	E 009	Erable Blanc	origine	L 008	Lombok Perlé	origine	P 016	Pervenche	papago	T 042	Tadelakt Vanille	influence			
B 057	Béton Naturel (STRIE)	pluralis	E 012	Encre	papago	L 012	Lamellé Doré	origine	P 018	Poirier Rouge	origine	T 047	Tulipwood	placage			
B 059	Béton Orange	influence	E 014	Black Ebony	placage	L 026	Lagon	papago	P 022	Pearl Graphite	pluralis	T 049	Teck Birman	origine			
B 068	Blanc Chamonix	papago	E 021	Ecrû	papago	L 027	Lavande	papago	P 024	Pearl Argent	pluralis	T 050	Tineo du Chili	origine			
B 069	Blanc Courchevel	papago	E 024	Erable de Laponie	origine	M 001	Maryland Clair	influence	P 039	Poirier des Flandres	origine	T 051	Tulipier Fumé	origine			
B 070	Blanc Megève	papago	E 025	Erable Wengé	origine	M 002	Maryland Moyen	influence	P 040	Poirier du Calvados	origine	T 052	Tulipier Tabac	origine			
B 072	Garenne	papago	E 026	Emeraude	papago	M 003	Maryland Foncé	influence	P 043	Pamplemousse	papago	T 067	Tôle Bronze	influence			
B 074	Bouleau Doré	origine	E 027	Erable Saumoné	origine	M 003	Maryland Foncé (STRIE)	pluralis	P 044	Panama	papago	T 069	Tôle Zinc	influence			
B 081	Macassar Wood	placage	E 028	Erable Nordique	origine	M 004	Figured Makore	placage	P 045	Pistache	papago	U 001	Uni Dunes	papago			
B 082	Rosewood	placage	E 047	Etain	influence	M 007	Merisier Rustique	origine	P 046	Platane d'Automne	origine	V 011	Vert d'Eau	papago			
B 083	Bubinga	placage	F 001	Florida	papago	M 017	Mastic	papago	P 047	Platane Pourpre	origine	V 013	Vert Gouache	papago			
B 086	Bleu Caraïbes	papago	F 006	Fer	papago	M 020	Merisier Nature	origine	P 048	Platane Tabac	origine	V 014	Vinyle	papago			

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

			Product	High pressure laminate							
				Product name	POLYREY HPL						
					Size in cm	215 x 97 (Door sheet size)	245 x 124	307 x 124	307 x 132	412 x 151	432 x 166
			Core type	Standard grade	Standard grade phenolic core						
				Thickness in mm	0.8						
				Postforming grade		Postforming grade phenolic core					
				Thickness in mm		0.8					
				Moisture resistant grade							
Thickness in mm											
Fire retardant grade		Fire retardant grade phenolic core									
Thickness in mm		0.8									
Technical and product information					Pages 40/41						
Code	Decor	Range	Collection	Finish							
005	Noir Classique	Papago	Classique	FA		FA BRIHG	SURF GRAIN				
030	Blanco Especial	Papago	Classique	FA		FA BRIHG					
122	Vert Classique	Papago	Classique			FA					
149	Gris Paloma	Papago	Classique			FA	SURF	SURF			
156	Crème Classique	Papago	Classique			FA	SURF				
206	Crema Claro	Papago	Tendance			FA					
A 014	Aigue Marine	Papago	Tendance	FA		FA BRIHG					
A 022	Acajou de Floride	Origine	Tendance	FA			FA				
A 031	Albâtre	Papago	Tendance	FA		FA					
A 036	Amandine	Papago	Tendance			FA					
New A 048	Alisier Doré	Origine	Classique	FA			FA				
New A 049	Alisier Pourpré	Origine	Classique	FA			FA				
A 057	Aulne Naturel	Origine	Tendance	FA	FA		FA MAT		FA		
A 058	Acier Oxydé ⬆	Influence	Tendance				FA				
New A 059	Azalée	Papago	Tendance	FA		FA	SOFT				
A 062	Aquarelle Soleil	Influence	Tendance				FA				
A 064	Aquarelle Orangeade	Influence	Tendance				FA				
A 069	Argile	Papago	Tendance	FA		FA					
A 088	Aubergine	Papago	Tendance	FA	FA	FA BRIHG					
B 001	Bleu Flash	Papago	Classique	FA		FA					
B 004	Blanc Lys	Papago	Tendance	FA	FA	FA BRIHG	SURF		FA		
B 012	Blanc Antique	Papago	Tendance	FA	FA	FA			FA		
B 014	Blanc Avoriaz	Papago	Tendance	FA		FA BRIHG					
B 015	Blanc Menuires	Papago	Tendance	FA	FA	FA BRIHG					
New B 018	Blush	Papago	Tendance			FA	SOFT				
B 023	Bois de Pécan	Origine	Tendance				FA BRIHG		FA		
B 031	Borneo Naturel	Origine	Tendance				FA				
B 041	Brasilia	Influence	Tendance				SURF SOFT	SURF SOFT			
B 044	Bouton d'Or	Papago	Tendance	FA		FA					
B 048	Bleu Oslo	Papago	Tendance	FA		FA			FA		
B 052	Béton Bleu	Influence	Tendance				FA SURF	SURF			
B 053	Béton Gris	Influence	Tendance				FA SURF				
B 057	Béton Naturel	Influence	Tendance				FA SURF	SURF			
B 059	Béton Orange	Influence	Tendance				SURF				
B 068	Blanc Chamonix	Papago	Classique	FA SURF		FA	SURF	SURF			
B 069	Blanc Courchevel	Papago	Classique	FA		FA	SURF				

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
FA GRAIN	FA BRIHG SURF GRAIN	FA BRIHG	SURF GRAIN	N 005	N 005	FA	FA	005
FA	FA BRIHG	FA BRIHG		B 070	B 070	FA	FA	030
	FA	FA			122		FA	122
FA	FA SURF	FA	SURF	G 044	G 044		FA	149
FA	FA SURF	FA	SURF	C 017	C 017		FA	156
FA	FA	FA		C 017	C 017		FA	206
FA	FA BRIHG	FA BRIHG		A 014	A 014	FA	FA	A 014
FA	FA		FA	A 022	A 022	FA	FA	A 022
	FA	FA			A 031	FA	FA	A 031
FA	FA	FA		A 036	A 036		FA	A 036
FA	FA		FA	A 048	A 048	FA	FA	A 048
FA	FA		FA	P 018	P 018	FA	FA	A 049
FA MAT	FA MAT		FA MAT	A 057	A 057	FA	FA	A 057
	FA		FA	C 000	A 058		FA	A 058
	FA SOFT	FA	SOFT		A 059	FA	FA	A 059
	FA		FA		P 043		FA	A 062
	FA		FA		F 017		FA	A 064
	FA	FA			A 069	FA	FA	A 069
	FA BRIHG	FA BRIHG			A 088	FA	FA	A 088
FA	FA	FA		B 001	B 001	FA	FA	B 001
	FA BRIHG SURF	FA BRIHG	SURF		B 069	FA	FA	B 004
FA	FA	FA		B 012	B 012	FA	FA	B 012
FA	FA BRIHG	FA BRIHG		B 014	B 014	FA	FA	B 014
FA	FA BRIHG	FA BRIHG		B 070	B 070	FA	FA	B 015
	FA SOFT	FA	SOFT		B 018		FA	B 018
FA	FA BRIHG		FA BRIHG	B 023	B 023		FA	B 023
FA	FA		FA	P 006	P 006		FA	B 031
	SURF SOFT		SURF SOFT		B 041		FA	B 041
	FA	FA			G 031	FA	FA	B 044
FA	FA	FA		B 048	B 048	FA	FA	B 048
FA	FA SURF		FA SURF	B 052	B 052		FA	B 052
FA	FA SURF		FA SURF	F 006	F 006		FA	B 053
FA	FA SURF		FA SURF	F 026	F 026		FA	B 057
	SURF		SURF		G 030		FA	B 059
FA	FA SURF	FA	SURF	B 070	B 070	FA	FA	B 068
FA	FA SURF	FA	SURF	B 069	B 069	FA	FA	B 069

Core type	Product	High pressure laminate					
	Product name	POLYREY HPL					
	Size in cm	215 x 97 (Door sheet size)	245 x 124	307 x 124	307 x 132	412 x 151	432 x 166
	Standard grade	Standard grade phenolic core					
	Thickness in mm	0.8					
	Postforming grade	Postforming grade phenolic core					
	Thickness in mm	0.8					
	Moisture resistant grade						
	Thickness in mm						
	Fire retardant grade	Fire retardant grade phenolic core					
	Thickness in mm	0.8					

Technical and product information				Pages 40/41					
Code	Decor	Range	Collection	Finish					
B 070	Blanc Megève	Papago	Tendance	FA	FA	FA BRIHG	SURF SOFT	SURF SOFT	FA
B 072	Garenne	Papago	Tendance	FA		FA			
B 074	Bouleau Doré	Origine	Tendance				FA		
B 086	Bleu Caraïbes	Papago	Tendance	FA	FA	FA	SOFT		
B 092	Brossé Gris	Influence	Classique	FA	FA		FA		FA
B 094	Brushed Copper	Influence	Tendance				FA		FA
B 097	Bleu Océan	Papago	Tendance			FA			
B 099	Brushed Metal	Influence	Tendance				FA SURF	SURF	
New B 100	Banlian Blanchi	Origine	Tendance	FA			FA		
New B 101	Banlian Noirci	Origine	Tendance	FA			FA		FA
New B 102	Bouleau de Sibérie	Origine	Tendance				FA		
C 001	Champignon	Papago	Tendance	FA		FA			
New C 003	Chêne de Macédoine	Origine	Classique	FA			FA		FA
C 004	Charme d'Amboise	Origine	Classique				FA		
C 011	Caviar	Influence	Tendance	SURF			SURF		
C 014	Chêne Cérusé	Origine	Classique				FA		
C 015	Chêne de Bergerac	Origine	Tendance	FA	FA		FA		
C 017	Coquille d'Œuf	Papago	Tendance	FA	FA	FA BRIHG			FA
C 018	Chardon	Papago	Tendance	FA	FA	FA			
C 026	Coco Foncé	Origine	Tendance				FA		
C 030	Cosmic Beige	Influence	Tendance				SURF	SURF	
C 031	Cosmic Vert	Influence	Tendance				SURF	SURF	
C 034	Cuivre Oxydé ↑	Influence	Tendance				FA		
New C 035	Camouflage	Papago	Tendance			FA			
C 045	Chêne Acajou	Origine	Classique				FA		
C 047	Chêne Wengé	Origine	Classique	FA	FA		FA		FA
New C 062	Capucine	Papago	Tendance	FA		FA			
C 070	Châtaigne	Papago	Tendance			FA			
C 091	Chêne de Fil Brun	Origine	Tendance				GRAIN		FA
C 092	Chêne de Compiègne	Origine	Classique				FA		
C 094	Cactée	Papago	Tendance			FA			
C 098	Chêne de Fil Naturel	Origine	Tendance	FA			FA GRAIN		FA
New C 100	Cerisier d'Europe	Origine	Tendance	FA			FA		FA
New C 101	Chêne Brun Horizontal	Origine	Tendance	FA	FA		FA MAT		
New C 102	Chêne Clair Horizontal	Origine	Tendance	FA	FA		FA MAT		
New C 103	Chêne Lavé	Origine	Tendance	FA			FA GRAIN		FA

↑ Vertical use only.

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
FA	FA BRIHG SURF SOFT	FA BRIHG	SURF SOFT	B 070	B 070	FA	FA	B 070
	FA	FA			B 072	FA	FA	B 072
FA	FA		FA	B 074	B 074		FA	B 074
FA	FA SOFT	FA	SOFT	B 086	B 086	FA	FA	B 086
FA	FA		FA	B 092	B 092	FA	FA	B 092
	FA		FA		C 070		FA	B 094
	FA	FA			B 001		FA	B 097
	FA SURF		FA SURF		B 099		FA	B 099
FA	FA		FA	B 100	B 100	FA	FA	B 100
FA	FA		FA	B 101	B 101	FA	FA	B 101
FA	FA		FA	P 039	P 039		FA	B 102
	FA	FA			C 001	FA	FA	C 001
FA	FA		FA	D 018	D 018	FA	FA	C 003
FA	FA		FA	C 004	C 004		FA	C 004
	SURF		SURF		N 005	FA	FA	C 011
FA	FA		FA	C 014	C 014		FA	C 014
FA	FA		FA	D 018	D 018	FA	FA	C 015
FA	FA BRIHG	FA BRIHG		C 017	C 017	FA	FA	C 017
	FA	FA			C 018	FA	FA	C 018
FA	FA		FA	T 020	T 020		FA	C 026
	SURF		SURF		B 072		FA	C 030
	SURF		SURF		C 094		FA	C 031
	FA		FA		C 034		FA	C 034
	FA	FA			C 035		FA	C 035
FA	FA		FA	A 022	A 022		FA	C 045
FA	FA		FA	T 020	T 020	FA	FA	C 047
FA	FA	FA		C 062	C 062	FA	FA	C 062
	FA	FA			C 070		FA	C 070
GRAIN	GRAIN		GRAIN	T 020	T 020		FA	C 091
FA	FA		FA	D 018	D 018		FA	C 092
	FA	FA			C 094		FA	C 094
GRAIN	FA GRAIN		FA GRAIN	C 098	C 098	FA	FA	C 098
FA	FA		FA	N 027	N 027	FA	FA	C 100
MAT	FA MAT		FA MAT	C 101	C 101	FA	FA	C 101
MAT	FA MAT		FA MAT	C 102	C 102	FA	FA	C 102
GRAIN	FA GRAIN		FA GRAIN	C 103	C 103	FA	FA	C 103

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

				Product	High pressure laminate						
					Product name	POLYREY HPL					
				Size in cm		215 x 97 (Door sheet size)	245 x 124	307 x 124	307 x 132	412 x 151	432 x 166
					Standard grade	Standard grade phenolic core					
				Thickness in mm		0.8					
					Postforming grade		Postforming grade phenolic core				
				Thickness in mm			0.8				
					Moisture resistant grade						
				Thickness in mm							
					Fire retardant grade	Fire retardant grade phenolic core					
Thickness in mm	0.8										
Technical and product information					Pages 40/41						
Code	Decor	Range	Collection	Finish							
New	C 104	Cœur de Pommier	Origine	Tendance			FA			FA	
New	C 106	Côtelé Gris	Influence	Tendance	FA		FA				
New	C 107	Côtelé Orange	Influence	Tendance	FA		FA				
	D 018	Chêne de Meymac	Origine	Classique	FA		FA				
	D 021	Pommier de Deauville	Origine	Tendance	FA		FA				
New	D 022	Damask Grenat	Influence	Tendance			SOFT				
New	D 023	Damask Obsidienne	Influence	Tendance			SOFT				
New	D 024	Damask Porcelaine	Influence	Tendance			SOFT				
	E 009	Erable Blanc	Origine	Tendance	FA	FA		FA		FA	
	E 012	Encre	Papago	Tendance	FA		FA				
	E 021	Ecru	Papago	Tendance	FA		FA BRIHG				
New	E 024	Erable de Laponie	Origine	Tendance	FA			FA			
New	E 025	Erable Wengé	Origine	Classique	FA			FA		FA	
	E 026	Emeraude	Papago	Tendance	FA		FA				
	E 027	Erable Saumoné	Origine	Classique				FA			
	E 028	Erable Nordique	Origine	Tendance	FA	FA		FA		FA	
New	E 047	Etain	Influence	Tendance				FA		FA	
	F 001	Florida	Papago	Tendance	FA		FA				
	F 006	Fer	Papago	Tendance	FA	FA	FA				
	F 007	Fossile	Papago	Tendance	FA	FA	FA				
	F 008	Fumée	Papago	Tendance			FA				
	F 011	Fruitier Ambré	Origine	Tendance	FA	FA		FA			
	F 012	Fruitier Cendré	Origine	Tendance	FA	FA		FA		FA	
	F 013	Fruitier Naturel	Origine	Tendance				FA			
New	F 017	Fard	Papago	Tendance	FA		FA				
	F 026	Feutre	Papago	Tendance	FA	FA	FA				
	F 048	Fresco Bleu	Influence	Classique				SURF	SURF		
	F 049	Fresco Gris	Influence	Classique				SURF	SURF		
	F 051	Fresco Vert	Influence	Classique				SURF	SURF		
	F 060	Frêne Nature	Origine	Classique				FA			
	G 003	Gris Perle	Papago	Tendance	FA	FA	FA	SURF		FA	
	G 005	Grand Bleu	Papago	Tendance			FA				
	G 012	Grès	Papago	Tendance	FA	FA	FA				
	G 013	Gris Averse	Papago	Classique			FA				
	G 024	Grenade	Papago	Tendance	FA	FA	FA BRIHG				
	G 028	Gris Flanelle	Papago	Tendance	FA	FA	FA	SOFT			

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
	FA		FA		H 025		FA	C 104
	FA		FA		F 026		FA	C 106
	FA		FA		F 001	FA	FA	C 107
FA	FA		FA	D 018	D 018	FA	FA	D 018
FA	FA		FA	D 021	D 021	FA	FA	D 021
	SOFT		SOFT		R 043		FA	D 022
	SOFT		SOFT		G 059		FA	D 023
	SOFT		SOFT		F 026		FA	D 024
FA	FA		FA	E 009	E 009	FA	FA	E 009
	FA	FA			E 012	FA	FA	E 012
FA	FA BRIHG	FA BRIHG		E 021	E 021	FA	FA	E 021
FA	FA		FA	E 024	E 024	FA	FA	E 024
FA	FA		FA	E 025	E 025	FA	FA	E 025
	FA	FA			E 026	FA	FA	E 026
	FA		FA		E 027		FA	E 027
FA	FA		FA	E 028	E 028	FA	FA	E 028
	FA		FA		F 006		FA	E 047
FA	FA	FA		F 001	F 001	FA	FA	F 001
FA	FA	FA		F 006	F 006	FA	FA	F 006
	FA	FA			G 003	FA	FA	F 007
	FA	FA			O 022		FA	F 008
FA	FA		FA	F 011	F 011	FA	FA	F 011
FA	FA		FA	F 012	F 012	FA	FA	F 012
FA	FA		FA	H 025	H 025		FA	F 013
	FA	FA			F 017	FA	FA	F 017
FA	FA	FA		F 026	F 026	FA	FA	F 026
	SURF		SURF		B 048		FA	F 048
	SURF		SURF		G 044		FA	F 049
	SURF		SURF		L 026		FA	F 051
FA	FA		FA	P 039	P 039		FA	F 060
FA	FA SURF	FA	SURF	G 003	G 003	FA	FA	G 003
	FA	FA			G 005		FA	G 005
FA	FA	FA		G 012	G 012	FA	FA	G 012
	FA	FA			G 033		FA	G 013
FA	FA BRIHG	FA BRIHG		G 024	G 024	FA	FA	G 024
	FA SOFT	FA	SOFT		G 059	FA	FA	G 028

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

				High pressure laminate						
										
				POLYREY HPL						
				215 x 97 (Door sheet size)						
				245 x 124						
				307 x 124						
				307 x 132						
				412 x 151						
				432 x 166						
				Standard grade phenolic core						
				0.8						
				Postforming grade phenolic core						
				0.8						
				Fire retardant grade phenolic core						
				0.8						
				</						

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
FA	FA	FA		G 044	G 044	FA	FA	G 029
	FA	FA			G 030	FA	FA	G 030
FA	FA	FA		G 031	G 031	FA	FA	G 031
	FA	FA			G 033	FA	FA	G 033
FA	FA	FA		G 044	G 044	FA	FA	G 044
FA	FA SURF SOFT	FA	SURF SOFT	G 059	G 059		FA	G 059
	FA		FA		G 067		FA	G 067
	FA		FA		G 068		FA	G 068
FA	FA		FA	H 008	H 008	FA	FA	H 008
FA	FA		FA	H 012	H 012	FA	FA	H 012
	FA BRIHG	FA BRIHG			H 014		FA	H 014
FA	FA		FA	H 019	H 019	FA	FA	H 019
				H 022				H 022
FA	FA		FA	H 025	H 025	FA	FA	H 025
FA	FA		FA	H 008	H 008		FA	H 030
	FA		FA		B 092		FA	I 004
	FA BRIHG	FA BRIHG			J 001		FA	J 001
	FA	FA			J 016	FA	FA	J 016
	FA	FA			J 017		FA	J 017
FA	FA	FA		J 018	J 018	FA	FA	J 018
FA	FA	FA		K 001	K 001		FA	K 001
	FA SOFT	FA	SOFT		K 003	FA	FA	K 003
				L 000				L 000
	FA	FA			L 005		FA	L 005
FA	FA		FA	T 020	T 020	FA	FA	L 008
				L 012				L 012
	FA	FA			L 026		FA	L 026
	FA	FA			L 027		FA	L 027
	SURF		SURF		M 001		FA	M 001
	SURF		SURF		M 002		FA	M 002
	SURF		SURF		M 003	FA	FA	M 003
FA	FA		FA	P 067	P 067		FA	M 007
	FA	FA			G 012	FA	FA	M 017
FA	FA		FA	M 020	M 020		FA	M 020
FA	FA		FA	M 021	M 021	FA	FA	M 021
	FA	FA			M 024		FA	M 024

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

			Product		High pressure laminate							
			Product name		POLYREY HPL							
			Size in cm		215 x 97 (Door sheet size)	245 x 124	307 x 124	307 x 132	412 x 151	432 x 166		
			Core type		Standard grade		Standard grade phenolic core					
					Thickness in mm		0.8					
			Core type		Postforming grade		Postforming grade phenolic core					
					Thickness in mm		0.8					
			Core type		Moisture resistant grade							
					Thickness in mm							
			Core type		Fire retardant grade		Fire retardant grade phenolic core					
Thickness in mm		0.8										
Technical and product information			Pages 40/41									
Code	Decor	Range	Collection	Finish								
M 047	Mousse	Papago	Tendance	FA	FA	FA						
M 053	Matrix Etain	Influence	Classique				SURF					
M 065	Matrix Gravier	Influence	Classique				SURF					
New M 076	Myriade Bleu	Influence	Classique				FA SURF					
New M 077	Myriade Jaune	Influence	Classique				SURF					
New M 078	Myriade Brique	Influence	Classique				SURF					
New M 079	Myriade Vert	Influence	Classique				FA SURF					
New M 090	Merisier Clair	Origine	Tendance	FA			FA					
M 091	Merisier Ambré	Origine	Tendance	FA	FA		FA					
M 092	Myosotis	Papago	Tendance	FA	FA	FA						
N 001	Nectarine	Papago	Tendance	FA		FA						
New N 002	Néon	Papago	Classique	FA		FA						
New N 003	Noyer du Périgord	Origine	Classique	FA			FA GRAIN					
N 005	Noir	Papago	Tendance			FA BRIHG	GRAIN					
N 010	Noyer Perlé ↗	Origine	Tendance				FA					
N 021	Nova Vanille	Influence	Tendance				SURF					
N 022	Nova Lilas	Influence	Tendance				SURF	SURF				
N 023	Nova Saphir	Influence	Tendance				SURF	SURF				
N 024	Noyer Tropical	Origine	Tendance				FA					
New N 026	Noyer Ombré	Origine	Tendance	FA			FA GRAIN		FA			
New N 027	Noyer Vénitien	Origine	Tendance	FA			FA GRAIN		FA			
N 028	Nova Mousse	Influence	Tendance				SURF	SURF				
N 049	Nova Argile	Influence	Tendance				SURF	SURF				
O 022	Oxygène	Papago	Tendance			FA						
New O 030	Olivier de Séville	Origine	Tendance				FA					
O 031	Olive	Papago	Tendance			FA						
O 050	Orient Havane	Origine	Tendance				FA BRIHG					
New O 054	Ombre	Papago	Tendance	FA		FA	SOFT					
P 001	Pierre de Lune	Papago	Tendance	FA	FA	FA						
P 002	Palmarès Bleu	Papago	Tendance	FA	FA	FA BRIHG						
P 003	Pigeon	Papago	Tendance			FA						
New P 006	Palissandre de Guyane	Origine	Tendance	FA			FA					
P 009	Poirier de Corrèze	Origine	Classique	FA	FA		FA					
P 016	Pervenche	Papago	Tendance	FA		FA						
P 018	Poirier Rouge	Origine	Tendance	FA			FA					
P 039	Poirier des Flandres	Origine	Tendance	FA			FA					

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
FA	FA	FA		M 047	M 047	FA	FA	M 047
	SURF		SURF		M 003		FA	M 053
	SURF		SURF		M 002		FA	M 065
FA	SURF		FA SURF	M 076	M 076		FA	M 076
	SURF		SURF		P 076		FA	M 077
	SURF		SURF		S 095		FA	M 078
FA	SURF		FA SURF	M 079	M 079		FA	M 079
FA	FA		FA	D 018	D 018	FA	FA	M 090
FA	FA		FA	M 091	M 091	FA	FA	M 091
	FA	FA			M 092	FA	FA	M 092
	FA	FA			N 001	FA	FA	N 001
	FA	FA			N 002	FA	FA	N 002
GRAIN	FA GRAIN		FA GRAIN	N 010	N 010	FA	FA	N 003
FA GRAIN	FA BRIHG GRAIN	FA BRIHG	GRAIN	N 005	N 005		FA	N 005
FA	FA		FA	N 010	N 010		FA	N 010
	SURF		SURF		A 031		FA	N 021
	SURF		SURF		P 003		FA	N 022
	SURF		SURF		S 018		FA	N 023
	FA		FA		T 025		FA	N 024
GRAIN	FA GRAIN		FA GRAIN	N 026	N 026	FA	FA	N 026
GRAIN	FA GRAIN		FA GRAIN	N 027	N 027	FA	FA	N 027
	SURF		SURF		M 047		FA	N 028
	SURF		SURF		B 018		FA	N 049
	FA	FA			O 022		FA	O 022
	FA		FA		O 030		FA	O 030
	FA	FA			O 031		FA	O 031
	FA BRIHG		FA BRIHG		O 050		FA	O 050
	FA SOFT	FA	SOFT		O 054	FA	FA	O 054
FA	FA	FA		P 001	P 001	FA	FA	P 001
	FA BRIHG	FA BRIHG			P 002	FA	FA	P 002
	FA	FA			P 003		FA	P 003
FA	FA		FA	P 006	P 006	FA	FA	P 006
FA	FA		FA	P 009	P 009	FA	FA	P 009
	FA	FA			B 048	FA	FA	P 016
FA	FA		FA	P 018	P 018	FA	FA	P 018
FA	FA		FA	P 039	P 039	FA	FA	P 039

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

			High pressure laminate																	
			Product																	
			Product name		POLYREY HPL															
			Size in cm		215 x 97 (Door sheet size)		245 x 124		307 x 124		307 x 132		412 x 151		432 x 166					
			Core type		Standard grade		Standard grade phenolic core													
					Thickness in mm		0.8													
			Postforming grade		Postforming grade phenolic core															
			Thickness in mm		0.8															
			Moisture resistant grade																	
Thickness in mm																				
Core type		Fire retardant grade		Fire retardant grade phenolic core																
		Thickness in mm		0.8																
Technical and product information			Pages 40/41																	
Code	Decor	Range	Collection	Finish																
P 040	Poirier du Calvados	Origine	Tendance	FA	FA			FA												
P 043	Pamplemousse	Papago	Tendance	FA	FA	FA BRIHG														
P 044	Panama	Papago	Tendance			FA														
P 045	Pistache	Papago	Tendance			FA														
P 046	Platane d'Automne	Origine	Tendance					FA												
P 047	Platane Pourpre	Origine	Tendance	FA			FA													
P 048	Platane Tabac	Origine	Tendance					FA												
P 049	Platane Naturel	Origine	Classique					FA												
P 053	Pétale de Rose	Papago	Tendance			FA														
P 057	Papyrus Bleuets	Influence	Tendance					FA												
P 060	Parme	Papago	Tendance			FA														
P 067	Poirier Naturel	Origine	Tendance	FA	FA			FA MAT			FA									
New P 070	Pois Cassé	Papago	Tendance	FA			FA	SOFT												
New P 076	Poudre	Papago	Tendance	FA			FA													
P 078	Papyrus Craie	Influence	Tendance					FA												
P 080	Pétunia	Papago	Tendance			FA														
P 087	Poirier Classique	Origine	Classique					FA												
P 092	Pomme Verte	Papago	Tendance	FA			FA													
New P 094	Prunier d'Alsace	Origine	Tendance	FA			FA SOFT				FA									
New P 100	Piqué Cuivre ↑	Influence	Tendance					FA												
New P 101	Piqué Vif Argent ↑	Influence	Tendance					FA												
New P 102	Pop Anis	Influence	Tendance					FA												
New P 103	Pop Mandarine	Influence	Tendance					FA												
New P 104	Pop Réglisse	Influence	Tendance					FA												
R 001	Rouge Mephisto	Papago	Tendance			FA BRIHG														
R 021	Rose Tendre	Papago	Tendance			FA														
R 036	Rouge Cerise	Papago	Tendance	FA	FA	FA BRIHG				FA										
R 043	Rouge Ming	Papago	Tendance			FA		SOFT												
New S 002	Sumac de Coromandel	Origine	Tendance					FA												
S 011	Safran	Papago	Tendance	FA			FA BRIHG													
S 018	Schiste	Papago	Tendance			FA														
S 039	Cérusé Rose	Origine	Tendance	FA	FA			FA GRAIN												
S 040	Cérusé Clair	Origine	Tendance	FA			FA GRAIN													
S 076	Sable Seychelles	Influence	Classique					SURF												
S 077	Sable Tahiti	Influence	Classique					SURF												
S 095	Stucco Cannelle	Influence	Tendance	FA			FA SOFT													

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate		
								
PANOPREY	POLYPREY			INTEGRAL		COMPACT		
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124	
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core		
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5		
Standard grade MDF	Standard grade MDF				Glued			
8 - 12 - 16 - 19 25 - 30	20.6				0.35			
Moisture resistant grade chipboard		Moisture resistant grade chipboard						
12 - 19		20.6						
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core		
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5		
Fire retardant grade MDF								
19								
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49		
Finish						Finish		Code
FA	FA		FA	P 040	P 040	FA	FA	P 040
	FA BRIHG	FA BRIHG			P 043	FA	FA	P 043
	FA	FA			P 044		FA	P 044
	FA	FA			P 045		FA	P 045
FA	FA		FA	P 046	P 046		FA	P 046
FA	FA		FA	P 047	P 047	FA	FA	P 047
FA	FA		FA	P 048	P 048		FA	P 048
FA	FA		FA	D 021	D 021		FA	P 049
FA	FA	FA		P 053	P 053		FA	P 053
	FA		FA		C 018		FA	P 057
	FA	FA			P 060		FA	P 060
FA MAT	FA MAT		FA MAT	P 067	P 067	FA	FA	P 067
	FA SOFT	FA	SOFT		P 070	FA	FA	P 070
	FA	FA			P 076	FA	FA	P 076
	FA		FA		O 054		FA	P 078
	FA	FA			P 080		FA	P 080
FA	FA		FA	P 087	P 087		FA	P 087
FA	FA	FA		P 092	P 092	FA	FA	P 092
	FA SOFT		FA SOFT		P 018	FA	FA	P 094
	FA		FA		P 100		FA	P 100
	FA		FA		P 101		FA	P 101
	FA		FA		P 092		FA	P 102
	FA		FA		F 001		FA	P 103
	FA		FA		P 001		FA	P 104
	FA BRIHG	FA BRIHG			R 036		FA	R 001
FA	FA	FA		R 021	R 021		FA	R 021
FA	FA BRIHG	FA BRIHG		R 036	R 036	FA	FA	R 036
	FA SOFT	FA	SOFT		R 043		FA	R 043
	FA		FA		N 010		FA	S 002
	FA BRIHG	FA BRIHG			S 011	FA	FA	S 011
	FA	FA			S 018		FA	S 018
GRAIN	FA GRAIN		FA GRAIN	S 039	S 039	FA	FA	S 039
GRAIN	FA GRAIN		FA GRAIN	S 040	S 040	FA	FA	S 040
	SURF		SURF		G 012		FA	S 076
	SURF		SURF		G 012		FA	S 077
FA	FA SOFT		FA SOFT	S 095	S 095	FA	FA	S 095

All decors are available in Polyrey HPL, Polyprey and Compact.
A selection of 120 decors are also available in Panoprey, melamine faced board.

Core type	Product	High pressure laminate					
	Product name	POLYREY HPL					
	Size in cm	215 x 97 (Door sheet size)	245 x 124	307 x 124	307 x 132	412 x 151	432 x 166
	Standard grade	Standard grade phenolic core					
	Thickness in mm	0.8					
	Postforming grade	Postforming grade phenolic core					
	Thickness in mm	0.8					
	Moisture resistant grade						
	Thickness in mm						
	Fire retardant grade	Fire retardant grade phenolic core					
	Thickness in mm	0.8					

Technical and product information				Pages 40/41					
Code	Decor	Range	Collection	Finish					
S 096	Stucco Cobalt	Influence	Tendance	FA			FA SOFT		
S 097	Stucco Curry	Influence	Tendance	FA			FA SOFT		
S 098	Stucco Paprika	Influence	Tendance	FA			FA SOFT		
S 099	Stucco Poivre	Influence	Tendance	FA			FA SOFT		
T 005	Turquoise	Papago	Tendance			FA			
T 007	Tilleul	Papago	Tendance			FA			
T 020	Toraja Wood	Origine	Tendance	FA	FA		FA		
T 025	Teck Massif	Origine	Tendance				FA		
T 037	Tadelakt Amande	Influence	Tendance	FA			FA		
T 038	Tadelakt Caramel	Influence	Tendance	FA			FA		
T 039	Tadelakt Gingembre	Influence	Tendance	FA			FA		
T 040	Tadelakt Muscat	Influence	Tendance	FA			FA		
T 041	Tadelakt Tomate	Influence	Tendance	FA			FA		FA
T 042	Tadelakt Vanille	Influence	Tendance	FA			FA		FA
New T 049	Teck Birman	Origine	Tendance				MAT		
New T 050	Tineo du Chili	Origine	Tendance				FA		
New T 051	Tulipier Fumé	Origine	Tendance	FA			FA		
New T 052	Tulipier Tabac	Origine	Tendance	FA			FA		
T 067	Tôle Bronze	Influence	Tendance				FA		FA
T 069	Tôle Zinc	Influence	Tendance				FA		FA
U 001	Uni Dunes	Papago	Tendance	FA		FA			
V 011	Vert d'Eau	Papago	Tendance			FA			
New V 013	Vert Gouache	Papago	Classique	FA		FA			
New V 014	Vinyle	Papago	Classique	FA		FA			
W 034	Toscan Chaume	Influence	Tendance				FA MAT		
W 041	Toscan Soleil	Influence	Tendance				FA MAT		
W 043	Toscan Piment	Influence	Tendance				FA MAT		
W 044	Toscan Méditerranée	Influence	Tendance				FA MAT		
New Y 022	Rose Bougainvillée	Papago	Tendance			FA			
Z 002	Zebra Moka	Origine	Tendance				FA SOFT		
Z 008	Zebrano Naturel	Origine	Tendance				FA		FA
New Z 009	Zebrano Ambré	Origine	Tendance	FA			FA		

↑ Vertical use only.

Melamine faced board	Board bonded with HPL			Thick edging	Thin edging	Solid grade laminate	
							
PANOPREY	POLYPREY			INTEGRAL		COMPACT	
280 x 207	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm roll	215 x 97	307 x 124
Standard grade chipboard		Standard grade chipboard		ABS	Unglued	Standard grade black phenolic core	
8 - 12 - 16 - 19 22 - 25 - 30		9.6 - 13.6 - 17.6 - 20.6		2.0	0.3	4 - 6 - 8 - 10 - 12.5	
Standard grade MDF	Standard grade MDF				Glued		
8 - 12 - 16 - 19 25 - 30	20.6				0.35		
Moisture resistant grade chipboard		Moisture resistant grade chipboard					
12 - 19		20.6					
Fire retardant grade chipboard		Fire retardant grade chipboard				Fire retardant grade black phenolic core	
12 - 16 - 19		13.6 - 17.6 - 20.6				4 - 6 - 8 - 10 - 12.5	
Fire retardant grade MDF							
19							
Pages 42/43	Pages 46/47			Page 50	Page 50	Pages 48/49	
	Finish					Finish	
FA	FA SOFT		FA SOFT	S 096	S 096	FA	FA
	FA SOFT		FA SOFT		S 097	FA	FA
FA	FA SOFT		FA SOFT	S 098	S 098	FA	FA
	FA SOFT		FA SOFT		F 006	FA	FA
	FA	FA			T 005		FA
	FA	FA			K 001		FA
FA	FA		FA	T 020	T 020	FA	FA
	FA		FA		T 025		FA
	FA		FA		K 003	FA	FA
	FA		FA		F 017	FA	FA
	FA		FA		B 072	FA	FA
	FA		FA		T 040	FA	FA
	FA		FA		B 018	FA	FA
	FA		FA		T 042	FA	FA
MAT	MAT		MAT	T 049	T 049		FA
	FA		FA		P 018		FA
FA	FA		FA	T 051	T 051	FA	FA
FA	FA		FA	T 052	T 052	FA	FA
	FA		FA		A 088		FA
	FA		FA		F 006		FA
	FA	FA			C 017	FA	FA
FA	FA	FA		V 011	V 011		FA
	FA	FA			V 013	FA	FA
FA	FA	FA		V 014	V 014	FA	FA
FA MAT	FA MAT		FA MAT	W 034	W 034		FA
FA MAT	FA MAT		FA MAT	W 041	W 041		FA
	FA MAT		FA MAT		H 014		FA
	FA MAT		FA MAT		W 044		FA
	FA	FA			Y 022		FA
FA	FA SOFT		FA SOFT	Z 002	Z 002		FA
FA	FA		FA	Z 008	Z 008		FA
FA	FA		FA	Z 009	Z 009	FA	FA

pluralis, visual effects

Product	High pressure laminate						Board bonded with high pressure laminate			Thick edging	Thin edging		
Product name	POLYREY HPL						POLYPREY			INTEGRAL			
Size in cm	215 x 97 (door)		307 x 124		307 x 132	432 x 166	307 x 124	307 x 124	307 x 132	7500 lm x 2.3 cm roll	2500 lm x 2.3 cm 15000 lm x 2.3 cm roll		
Structure	without	with	without	without	without	without	with or without	with or without					
Standard grade	Standard grade phenolic core					Standard grade phenolic core		Standard grade chipboard		ABS	Unglued		
Thickness in mm	0.8	0.8 to 1.1	0.8				0.8		9.6 - 13.6 - 17.6 - 20.6 structure + 0.6	2.0	0.3		
								Standard grade MDF			Glued		
								20.6 structure + 0.6			0.35		
Postforming grade				Postforming grade phenolic core									
Thickness in mm				0.8									
Moisture resistant grade									Moisture resistant grade chipboard				
Thickness in mm									20.6 structure + 0.6				
Fire retardant grade	Fire retardant grade phenolic core								Fire retardant grade chipboard				
Thickness in mm	0.8	0.8 to 1.1	0.8	0.8	0.8				9.6 - 13.6 - 17.6 - 20.6 structure + 0.6				
on		Pages 40/41						Pages 46/47		Page 50	Page 50		
	Structure	Finish						Finish				Code	
	EPI		EPI					EPI	EPI		B 012	B 012	B 015
	STRIE		STRIE					STRIE	STRIE		B 012	B 012	B 015
	BATI		BATI					BATI	BATI		B 012	B 012	B 015
	STRIE		STRIE					STRIE	STRIE			B 041	B 041
	STRIE		STRIE					STRIE	STRIE		F 026	F 026	B 057
	EPI		EPI					EPI	EPI		C 062	C 062	C 062
	STRIE		STRIE					STRIE	STRIE		C 062	C 062	C 062
	BATI		BATI					BATI	BATI		C 062	C 062	C 062
						SOFT		SOFT		SOFT			G 007
↑						SOFT		SOFT		SOFT			G 008
						SOFT		SOFT		SOFT			G 010
	STRIE		STRIE					STRIE	STRIE			M 003	M 003
		SURF				SURF		SURF		SURF	A 071		P 022
		SURF				SURF		SURF		SURF	A 071		P 024
						SURF		SURF		SURF	E 021	E 021	P 066
				BRIHG				BRIHG	BRIHG		A 071		S 030
				BRIHG				BRIHG	BRIHG		A 071		S 033
				BRIHG				BRIHG	BRIHG		A 071		S 035
				FA				FA	FA				V 030
				FA		FA		FA	FA				V 031
				FA		FA		FA	FA				V 032
				FA		FA		FA	FA				V 050
				FA		FA		FA	FA				V 051
				FA		FA		FA	FA				V 052
→				BRIHG				BRIHG	BRIHG				V 070

↑ Vertical use only. → Light horizontal use.

placage, real wood veneer laminate

			Product		Real wood veneer laminate		Board bonded with real wood veneer laminate 1 side placage / 1 side white		Solid grade laminate		Thin edging			
														
			Product name		POLYREY Placage		PANOPLACAGE		COMPACT Placage		Placage Edging			
			Size in cm		307 x 124		307 x 124		307 x 124		307 x 2.3 cm roll			
			Core type		Standard grade		Standard grade phenolic core		Standard grade chipboard		Standard grade black phenolic core		With melamine overlay	
					Thickness in mm		1.0		10 - 14 - 18 - 21		4 - 6 - 8 - 10 - 12.5		0.6	
									Standard grade MDF					
									21					
IMO marine grade					Fire retardant grade phenolic core									
Thickness in mm					0.6									
Fire retardant grade				Fire retardant grade phenolic core										
Thickness in mm				1.3				1.3						
Technical and product information							Pages 52/53		Pages 54/55		Pages 52/53		Page 54	
Code	Species	Jointing Method	Overlay	Type	Finish									Code
	A 009	American Cherry	Random	Yes	Natural	MAT SATINÉ BRIHG				MAT SATINÉ BRIHG				A 009
	A 082	Figured Anegre	Bookmatched straight grain	Yes	Natural	MAT VEINÉ				MAT VEINÉ				A 082
New	A 091	Tinted Mahogany	Slipped straight grain	Yes	Reconstituted	VEINÉ	VEINÉ	VEINÉ		VEINÉ		VEINÉ		A 091
	B 043	Ebony Wood	Bookmatched straight grain	Yes	Reconstituted	MAT BRIHG	MAT	MAT BRIHG		MAT		MAT BRIHG		B 043
	B 081	Macassar Wood	Bookmatched straight grain	Yes	Reconstituted	VEINÉ	VEINÉ	VEINÉ		VEINÉ		VEINÉ		B 081
	B 082	Rosewood	Bookmatched flowered	Yes	Reconstituted	MAT	MAT	MAT		MAT		MAT		B 082
	B 083	Bubinga	Bookmatched flowered	Yes	Natural	MAT		MAT				MAT		B 083
New	B 104	Steamed Birch	Bookmatched flowered	Yes	Stained	MAT	MAT	MAT		MAT		MAT		B 104
	C 010	Canadian Maple	Bookmatched flowered	Yes	Natural	MAT SATINÉ		MAT SATINÉ				MAT SATINÉ		C 010
	C 036	American White Oak	Bookmatched flowered	Yes	Natural	MAT VEINÉ		MAT VEINÉ				MAT VEINÉ		C 036
	C 099	Flat-grained Oak	Bookmatched straight grain	Yes	Reconstituted	MAT	MAT	MAT		MAT		MAT		C 099
	C 108	Chestnut	Random	Yes	Natural	MAT VEINÉ		MAT VEINÉ				MAT VEINÉ		C 108
New	E 014	Black Ebony	Slipped straight grain	Yes	Reconstituted	SATINÉ	SATINÉ	SATINÉ		SATINÉ		SATINÉ		E 014
	F 025	Ash	Random	Yes	Natural	MAT VEINÉ		MAT VEINÉ				MAT VEINÉ		F 025
New	H 011	Light Beech	Slipped straight grain	Yes	Stained	MAT	MAT	MAT		MAT		MAT		H 011
	M 004	Figured Makore	Bookmatched straight grain	Yes	Natural	VEINÉ		VEINÉ				VEINÉ		M 004
	N 025	American Walnut	Random	Yes	Natural	MAT		MAT				MAT		N 025
New	N 030	Tinted Walnut	Bookmatched flowered	Yes	Reconstituted	MAT VEINÉ	MAT VEINÉ	MAT VEINÉ		MAT VEINÉ		MAT VEINÉ		N 030
New	N 031	Aged Walnut	Bookmatched flowered	Yes	Reconstituted	MAT	MAT	MAT		MAT		MAT		N 031
	O 032	American Oak	Random	No	Natural	BRUT								O 032
	O 034	Steamed Beech	Random	No	Natural	BRUT								O 034
	O 036	Ash	Random	No	Natural	BRUT								O 036
	O 037	American Walnut	Random	No	Natural	BRUT								O 037
New	O 052	Tinted Mahogany	Slipped straight grain	No	Stained	BRUT								O 052
New	O 057	Chestnut	Random	No	Natural	BRUT								O 057
New	O 058	Aged Walnut	Bookmatched flowered	No	Stained	BRUT								O 058
	O 059	Canadian Maple	Bookmatched flowered	No	Natural	BRUT								O 059
	O 068	Wenge	Bookmatched straight grain	No	Stained	BRUT								O 068
	S 012	White Sycamore	Bookmatched flowered	Yes	Natural	MAT SATINÉ		MAT SATINÉ				MAT SATINÉ		S 012
New	T 047	Tulipwood	Bookmatched flowered	Yes	Stained	MAT SATINÉ	MAT SATINÉ	MAT SATINÉ		MAT SATINÉ		MAT SATINÉ		T 047
	Z 020	Zebrano	Bookmatched straight grain	Yes	Natural	MAT BRIHG		MAT BRIHG				MAT BRIHG		Z 020

pur métal, real metal laminate

		High pressure metal laminate		Board bonded with metal laminate	Thick edging		
Product							
Product name		POLYREY PUR MÉTAL		PANOMÉTAL	INTEGRAL		
Size in cm		307 x 124		306 x 123	7500 lm x 2.3 cm roll		
Structure		without	with	without			
Core type	Fire retardant grade	Standard grade phenolic core		Standard grade chipboard	ABS		
	Thickness in mm	1.0	1.0 to 1.3	10 - 14 - 18 - 21	2.0		
Technical and product information		Pages 56/57		Pages 56/57	Page 50		
Code	Decor	Structure	Finish			Code	
A 008	Alu Brossé ↑		BROSSE		BROSSE	A 008	A 008
A 027	Alu Brossé R ↑	EPI STRIE		EPI STRIE		A 008	A 027
A 034	Alu Brillant ↑		BRILLANT			A 071	A 034
A 035	Alu Or ↑		BRILLANT				A 035
New A 042	Alu Ligné ↑		BRILLANT			A 071	A 042
A 047	Alu Mat ↑		MAT			A 071	A 047
New A 071	Alu Glacé					SAT	A 071
New A 092	Alu Or R ↑	EPI STRIE		EPI STRIE			A 092
A 093	Canon de Fusil R ↑	EPI STRIE		EPI STRIE		C 000	A 093
C 000	Canon de Fusil ↑		SATINE			C 000	C 000
New C 109	Canelure Argent					SAT	C 109

↑ Vertical use only.



Colour matches for our plain colours

For easier co-ordination of our colours with other decorative materials,

Pantone

PANTONE	Code	Name
021C(G)	F 001	Florida
107C(D)	J 001	Jaune Vulcano
1215C(G)	P 043	Pamplemousse
122C(G)	J 018	Jaune Gouache
123C(G)	B 044	Bouton d'Or
134C(G)	J 016	Jaune de Naples
135C(G)	G 031	Genêt
1375C(G)	N 001	Nectarine
138C(L)	S 011	Safran
155C(D)	206	Crema Claro
1785C(D)	A 059	Azalée
1795C(G)	C 062	Capucine
180C(G)	R 001	Rouge Méphisto
1815C(G)	G 024	Grenade
1815C(G)	R 043	Rouge Ming
193C(G)	R 036	Rouge Cerise
257C(G)	P 080	Pétunia
2705C(L)	P 060	Parme
2706C(D)	P 003	Pigeon
2717C(G)	B 048	Bleu Oslo
2717C(G)	P 016	Pervenche
287U(G)	B 086	Bleu Caraïbes
2905C(G)	G 005	Grand Bleu
300C(G)	B 001	Bleu Flash
300U(D)	B 097	Bleu Océan
318C(G)	L 026	Lagon
326C(D)	T 005	Turquoise
3298C(G)	122	Vert Classique
351C(G)	A 036	Amandine
363C(D)	V 013	Vert Gouache
365C(D)	P 045	Pistache
365C(G)	K 001	Kiwi
372C(G)	T 007	Tilleul
381C(G)	P 092	Pomme Verte
393C(G)	J 017	Jaune Fondant
403C(L)	P 001	Pierre de Lune
406C(G)	F 026	Feutre
419C(G)	N 005	Noir
425C(D)	F 006	Fer
427C(D)	B 068	Blanc Chamonix
427C(D)	B 069	Blanc Courchevel
427C(D)	B 070	Blanc Megève
428C(G)	149	Gris Paloma
429C(G)	G 003	Gris Perle
430C(G)	G 013	Gris Averse
430C(G)	G 033	Gris Typhon
436C(G)	C 001	Champignon
4675C(G)	B 072	Garenne
468C(G)	P 044	Panama
468C(L)	U 001	Uni Dunes
4685C(D)	B 014	Blanc Avoriaz
472C(D)	F 017	Fard

Colour match to Polyrey decor: G = Good, L = Lighter, D = Darker

PANTONE	Code	Name
482C(D)	L 005	Lin
4975(L)	M 024	Marron Classique
5035C(G)	P 053	Pétale de Rose
504C(G)	A 088	Aubergine
534C(D)	S 018	Schiste
535C(G)	L 027	Lavande
538C(G)	G 044	Gris Dauphin
5395C(L)	P 002	Palmarès Bleu
5493C(G)	M 047	Mousse
558C(G)	C 094	Cactée
566C(G)	A 014	Aigue Marine
5783C(L)	K 003	Kaki
607C(D)	B 012	Blanc Antique
610C(G)	N 002	Néon
632C(G)	E 026	Emeraude
635C(G)	V 011	Vert d'Eau
642C(G)	O 022	Oxygène
649(D)	G 029	Gris Tourterelle
652C(G)	C 018	Chardon
656C(G)	F 008	Fumée
660C(G)	M 092	Myosotis
664C(G)	R 021	Rose Tendre
675C(D)	Y 022	Rose Bougainvillée
710C(G)	H 014	Hibiscus
712C(D)	A 031	Albâtre
715C(L)	V 014	Vinyle
719C(D)	B 096	Biscuit
726C(D)	156	Crème Classique
726C(D)	C 017	Coquille d'Oeuf
727C(G)	O 054	Ombre
7416C(D)	G 030	Géranium
7506C(L)	P 076	Poudre
7522C(L)	B 018	Blush
CoolGrey10C	G 028	Gris Flanelle
CoolGrey10C	G 059	Gris Orage
CoolGrey6C	F 007	Fossile
ProcessBlack	005	Noir Classique
WARMGRAY1C(D)	M 017	Mastic
WARMGRAY1C(L)	E 021	Ecru

NCS, Pantone, RAL and BS references are given as a guideline only. We would advise that you check the desired colour against a real sample.

Pantone - BS

please refer to the tables below which show Pantone and BS cross-references for each decor.

BS

BS	Code	Name
00A03 (G)	149	Gris Paloma
00A05 (G)	F 007	Fossile
00A13 (L)	G 028	Gris Flanelle
00A13 (L)	G 059	Gris Orage
00E53 (G)	005	Noir Classique
00E53 (G)	N 005	Noir
00E55 (G)	030	Blanco Especial
00E55 (G)	B 015	Blanc Menuires
02 A 03 (L)	G 044	Gris Dauphin
04 C 39 (L)	R 043	Rouge Ming
04B15 (G)	P 053	Pétale de Rose
04B15 (L)	L 005	Lin
04D45 (L)	G 024	Grenade
04E51 (D)	G 030	Géranium
04E53 (D)	C 062	Capucine
04E56 (L)	R 001	Rouge Méphisto
04E56 (L)	R 036	Rouge Cerise
04E58 (L)	A 088	Aubergine
06 E 51 (L)	S 011	Safran
06A03 (L)	F 026	Feutre
06A11 (G)	F 006	Fer
06C35 (L)	F 017	Fard
06E51 (L)	V 014	Vinyle
06E55 (G)	F 001	Florida
08B15 (G)	A 031	Albâtre
08B15 (G)	B 014	Blanc Avoriaz
08B17 (D)	G 012	Grès
08B17 (D)	U 001	Uni Dunes
08B17 (L)	B 072	Garenne
08B23 (D)	P 001	Pierre de Lune
08B29 (G)	M 024	Marron Classique
08C31 (G)	B 096	Biscuit
08C31 (G)	C 017	Coquille d'Oeuf
08C31 (L)	156	Crème Classique
08C33 (L)	P 076	Poudre
08E49 (G)	P 044	Panama
08E53 (D)	B 044	Bouton d'Or
08E55 (L)	N 001	Nectarine
10A01 (G)	B 068	Blanc Chamonix
10A01 (G)	B 070	Blanc Megève
10B15 (D)	B 012	Blanc Antique
10B15 (L)	206	Crema Claro
10D41 (D)	P 043	Pamplemousse
10D41(L) / 10E50 (D)	J 016	Jaune de Naples
10E49 (L)	J 017	Jaune Fondant
10E50 (L)	J 001	Jaune Vulcano
12 C 33 (L)	O 031	Olive
12B15 (L)	P 045	Pistache
12B21 (L)	K 003	Kaki
12C31 (L)	T 007	Tilleul
12D41 (L) / 12E53 (D)	P 092	Pomme Verte
14C31 (L)	A 014	Aigue Marine

Colour match to Polyrey decor: G = Good, L = Lighter, D = Darker

BS	Code	Name
14C33 (L)/14D41 (D)	A 036	Amandine
14E56 (L)	122	Vert Classique
16C33 (L)	C 094	Cactée
16C33 (L)	V 011	Vert d'Eau
16C35 (L)	M 047	Mousse
16E50 (L)	L 026	Lagon
16E53 (D)	E 026	Emeraude
18B19 (L)	G 003	Gris Perle
18D41 (D)	G 005	Grand Bleu
20C37 (L)	C 018	Chardon
20C39 (L)	E 012	Encre
20C40 (G)	P 002	Palmarès Bleu
20D41 (D)	B 048	Bleu Oslo
20D44 (D)	M 092	Myosotis
20E53 (D)	B 001	Bleu Flash
20E53 (D)	B 097	Bleu Océan
22B17 (G)	G 029	Gris Tourterelle
22B33 (D)	P 003	Pigeon
22C31 (G)	B 004	Blanc Lys
22C31 (G)	B 069	Blanc Courchevel
22C31 (L)	F 008	Fumée
22C35 (L)	L 027	Lavande
22D41 (L) / 22D43 (D)	P 060	Parme
24C33 (L)	R 021	Rose Tendre
24C37 (D)	P 080	Pétunia

NCS, Pantone, RAL and BS references are given as a guideline only. We would advise that you check the desired colour against a real sample.

Colour matches for our plain colours

For easier co-ordination of our colours with other decorative materials,

NCS

NCS	Code	Name
S0500-N	B 070	Blanc Megève
S0502-G	B 068	Blanc Chamonix
S0502-G50Y	030	Blanco Especial
S0502-G50Y	B 015	Blanc Menuires
S0505-R70B	B 004	Blanc Lys
S0505-R70B	B 069	Blanc Courchevel
S0505-Y30R	206	Crema Claro
S0505-Y50R	A 031	Albâtre
S0515-Y30R	P 044	Panama
S0520-B30G	V 011	Vert d'Eau
S0520-G30Y	P 045	Pistache
S0520-Y10R	P 043	Pamplemousse
S0530-G40Y	K 001	Kiwi
S0530-G60Y	T 007	Tilleul
S0540-G80Y	J 017	Jaune Fondant
S0560-Y20R	G 031	Genêt
S0565-R	A 059	Azalée
S0570-G90Y	J 001	Jaune Vulcano
S0570-Y80R	G 030	Géranium
S0580-Y10R	B 044	Bouton d'Or
S0580-Y40R	N 001	Nectarine
S0580-Y60R	F 001	Florida
S0603-G80Y	B 012	Blanc Antique
S0804-Y30R	E 021	Ecru
S0804-Y50R	B 014	Blanc Avoriaz
S0907-R10B	P 053	Pétale de Rose
S0907-Y30R	C 017	Coquille d'Oeuf
S1005-Y70R	L 005	Lin
S1010-G	A 014	Aigue Marine
S1010-R80B	F 008	Fumée
S1010-Y30R	156	Crème Classique
S1010-Y30R	U 001	Uni Dunes
S1010-Y40R	B 096	Biscuit
S1015-R90B	O 022	Oxygène
S1020-R70B	P 003	Pigeon
S1020-Y30R	P 076	Poudre
S1030-B	G 005	Grand Bleu
S1030-B50G	L 026	Lagon
S1030-G10Y	A 036	Amandine
S1030-R80B	B 048	Bleu Oslo
S1040-Y10R	J 016	Jaune de Naples
S1050-Y10R	J 018	Jaune Gouache
S1060-G80Y	P 092	Pomme Verte
S1060-Y50R	V 014	Vinyle
S1080-R	H 014	Hibiscus
S1080-Y90R	C 062	Capucine
S1080-Y90Y	R 001	Rouge Méphisto
S1502-B	G 029	Gris Tourterelle
S1505-Y10R	M 017	Mastic
S1505-Y20R	G 012	Grès
S1515-R40B	R 021	Rose Tendre
S2000-N	149	Gris Paloma

NCS	Code	Name
S2000-N	G 044	Gris Dauphin
S2005-Y50R	F 026	Feutre
S2010-B70G	C 094	Cactée
S2010-Y40R	B 072	Garenne
S2020-G80Y	O 031	Olive
S2020-Y40R	O 054	Ombre
S2030-40R	F 017	Fard
S2030-R50B	P 080	Pétunia
S2030-R60B	P 060	Parme
S2040-G80Y	N 002	Néon
S2040-R80B	P 016	Pervenche
S2050-B70G	T 005	Turquoise
S2060-R30B	Y 022	Rose Bougainvillée
S2060-Y50R	S 011	Safran
S2065-R90B	B 001	Bleu Flash
S2555-B30G	E 026	Emeraude
S2570-Y90R	R 036	Rouge Cerise
S3000-N	F 007	Fossile
S3005-R80B	G 003	Gris Perle
S3020-B70G	M 047	Mousse
S3020-R70B	L 027	Lavande
S3040-G90Y	P 070	Pois cassé
S3050-G20Y	V 013	Vert Gouache
S3050-R80B	B 097	Bleu Océan
S3050-R80B	M 092	Myosotis
S3050-Y70R	B 018	Blush
S4005-R80B	G 013	Gris Averse
S4005-R80B	G 033	Gris Typhon
S4010-R10B	C 001	Champignon
S4010-Y30R	A 069	Argile
S4020-G70Y	K 003	Kaki
S4030-R90B	C 018	Chardon
S4050-B80G	122	Vert Classique
S4050-R	G 024	Grenade
S4050-R80B	B 086	Bleu Caraïbes
S5005-Y20R	P 001	Pierre de Lune
S5040-Y90R	R 043	Rouge Ming
S6020-G90Y	C 035	Camouflage
S6020-R70B	S 018	Schiste
S6030-R10B	A 088	Aubergine
S6500-N	F 006	Fer
S7005-R80B	E 012	Encre
S7010-Y50R	C 070	Châtaigne
S7502-B	G 028	Gris Flanelle
S7502-B	G 059	Gris Orage
S8005-Y50R	M 024	Marron Classique
S8010-R70B	P 002	Palmarès Bleu
S9000-N	005	Noir Classique
S9000-N	N 005	Noir

NCS - RAL

please refer to the tables below which show NCS and RAL cross-references for each decor.

RAL

RAL	Code	Name
1000 (L)	O 031	Olive
1001 (L)	P 076	Poudre
1003 (G)	B 044	Bouton d'Or
1003 (G)	G 031	Genêt
1013 (D)	G 012	Grès
1013 (D)	M 017	Mastic
1015 (D)	156	Crème Classique
1015 (D)	B 096	Biscuit
1015 (D)	C 017	Coquille d'Oeuf
1015 (G)	206	Crema Claro
1015 (G)	U 001	Uni Dunes
1018 (G)	J 001	Jaune Vulcano
1019 (G)	A 069	Argile
2000 (G)	S 011	Safran
2002 (G)	C 062	Capucine
2003 (D)	N 001	Nectarine
2010 (G)	F 001	Florida
2011 (D)	V 014	Vinyle
2012 (D)	G 030	Géranium
3001 (G)	R 036	Rouge Cerise
3005 (G)	A 088	Aubergine
3009 (G)	R 043	Rouge Ming
3011 (G)	G 024	Grenade
3017 (D)	A 059	Azalée
3018 (G)	H 014	Hibiscus
3020 (G)	R 001	Rouge Méphisto
5002 (G)	B 086	Bleu Caraïbes
5011 (G)	P 002	Palmarès Bleu
5015 (G)	B 001	Bleu Flash
5023 (G)	C 018	Chardon
6013 (D)	K 003	Kaki
6016 (G)	122	Vert Classique
6017 (D)	V 013	Vert Gouache
6019 (G)	A 036	Amandine
6027 (G)	L 026	Lagon
7001 (G)	G 013	Gris Averse
7001 (G)	G 033	Gris Typhon
7004 (D)	F 007	Fossile
7005 (L)	F 006	Fer
7006 (D)	P 001	Pierre de Lune
7015 (G)	E 012	Encre
7024 (G)	G 028	Gris Flanelle
7024 (G)	G 059	Gris Orage
7035 (G)	149	Gris Paloma
7035 (G)	G 029	Gris Tourterelle
7040 (G)	G 003	Gris Perle
7047 (G)	G 044	Gris Dauphin
8025 (G)	C 070	Châtaigne
8028 (G)	M 024	Marron Classique
9001 (G)	E 021	Ecru
9003 (G)	B 004	Blanc Lys
9003 (G)	B 069	Blanc Courchevel

NCS, Pantone, RAL and BS references are given as a guideline only. We would advise that you check the desired colour against a real sample.

NCS – NATURAL COLOUR SYSTEM, copyright and trademark property of and used on license from the Scandinavian Colour Institute AB, SCI, Sweden, Stockholm, 1999. See your local NCS distributor for original NCS standard colour samples.
Colour match to Polyrey decor: G = Good, L = Lighter, D = Darker

XXL large sheet size decors

In order to meet your requirement for large areas and to limit waste from the production of cubicles, furniture and worktops, HPL is available in large sheet sizes:

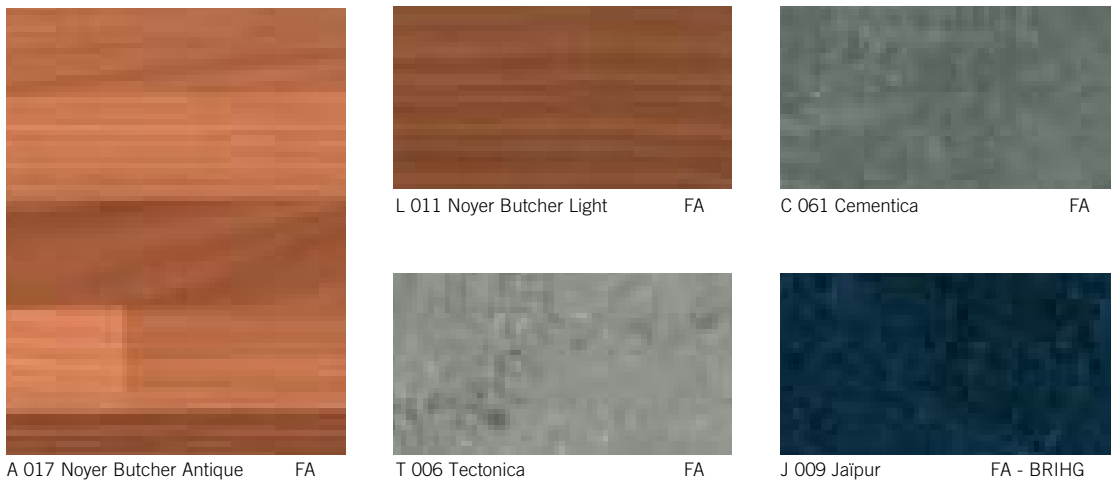
- 412 x 151 cm
- 432 x 166 cm

Product offer

A number of decors in the Papago, Origine, Influence and Pluralis ranges are available in large sheet sizes. Please refer to the availability tables (pages 14 to 28 of this guide).

Exclusive XXL decors

5 HPL decors are only available in large sheet size (432 x 166 cm):



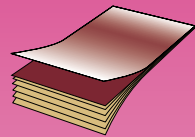
Images are only representations.

Rey Partition, melamine faced plasterboard for partitions

All Rey Partition decors are available in melamine faced plasterboard in sheet size 260 x 120 cm and 300 x 120 cm in FA finish.		Rey Partition		Complementary products		
		Product	Standard plaster core	Panoprey in standard, moisture resistant or fire retardant grade chipboard	Polyrey HPL in standard or fire retardant grade	Polyrey HPL in standard or fire retardant grade
↑ Vertical use only		Size in cm	260 x 120 - 300 x 120	280 x 207	215 x 97	245 x 124
Technical and product information			Pages 44/45			
Code	Name	Range	Finish			
149	Gris Paloma	Papago	FA	FA		
156	Crème Classique	Papago	FA	FA		
A 022	Acajou de Floride	Origine	FA	FA	FA	
A 057	Aulne Naturel	Origine	FA	FA-MAT	FA	FA
B 053	Béton Gris	Influence	FA	FA		
B 057	Béton Naturel	Influence	FA	FA		
B 068	Blanc Chamonix	Papago	FA	FA	FA-SURF	
B 069	Blanc Courchevel	Papago	FA	FA	FA	
B 074	Bouleau Doré	Origine	FA	FA		
B 092	Brossé Gris	Influence	FA	FA	FA	FA
B 100	Baniam Blanchi	Origine	FA	FA	FA	
B 101	Baniam Noirci	Origine	FA	FA	FA	
C 015	Chêne de Bergerac	Origine	FA	FA	FA	FA
C 047	Chêne Wengé	Origine	FA	FA	FA	FA
C 098	Chêne de Fil Naturel	Origine	FA	GRAIN	FA	
D 021	Pommier de Deauville	Origine	FA	FA	FA	
E 009	Erable Blanc	Origine	FA	FA	FA	FA
E 028	Erable Nordique	Origine	FA	FA	FA	FA
F 011	Fruitier Ambré	Origine	FA	FA	FA	FA
F 012	Fruitier Cendré	Origine	FA	FA	FA	FA
F 060	Frêne Nature	Origine	FA	FA		
G 029	Gris Tourterelle	Papago	FA	FA	FA	FA
H 008	Hêtre Doré	Origine	FA	FA	FA	
H 012	Hêtre Naturel	Origine	FA	FA	FA	
H 025	Pommier de Honfleur	Origine	FA	FA	FA	
H 030	Hêtre Etuvé	Origine	FA	FA		
L 008	Lombock Perlé	↑ Origine	FA	FA	FA	
M 017	Mastic	Papago	FA	FA		
M 021	Merisier Pourpre	Origine	FA	FA	FA	
M 047	Mousse	Papago	FA	FA	FA	FA
N 026	Noyer Ombré	Origine	FA	GRAIN	FA	
N 027	Noyer Vénitien	Origine	FA	GRAIN	FA	
P 006	Palissandre de Guyane	Origine	FA	FA	FA	
P 009	Poirier de Corrèze	Origine	FA	FA	FA	FA
P 018	Poirier Rouge	Origine	FA	FA	FA	
P 039	Poirier des Flandres	Origine	FA	FA	FA	
P 040	Poirier du Calvados	Origine	FA	FA	FA	FA
P 046	Platane d'Automne	Origine	FA	FA		
P 047	Platane Pourpre	Origine	FA	FA	FA	
P 067	Poirier Naturel	Origine	FA	FA	FA	FA
P 100	Piqué Cuivre	↑ Influence	FA			
P 101	Piqué Vif-Argent	↑ Influence	FA			
R 036	Rouge Cerise	Papago	FA	FA	FA	FA
S 039	Cérusé Rose	Origine	FA	GRAIN	FA	FA
S 040	Cérusé Clair	Origine	FA	GRAIN	FA	
S 095	Stucco Cannelle	Influence	FA	FA	FA	
S 097	Stucco Curry	Influence	FA	FA		
S 099	Stucco Poivre	Influence	FA	FA		
T 020	Toraja Wood	Origine	FA	FA	FA	FA
T 037	Tadelakt Amande	Influence	FA	FA		
T 039	Tadelakt Gingembre	Influence	FA	FA		
T 041	Tadelakt tomate	Influence	FA	FA		
T 051	Tulipier Fumé	Origine	FA	FA	FA	
T 052	Tulipier Tabac	Origine	FA	FA	FA	

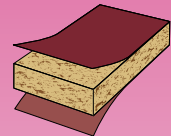
Broad and comprehensive, Polyrey's product offer provides a multitude of product/decor combinations providing you with a Polyrey solution for each of your projects.

Essential products



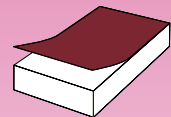
Polyrey HPL, high pressure laminate:
versatile and durable

40



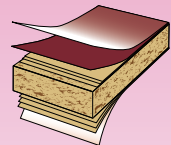
Panoprey, melamine faced board:
the economical decorative solution

42



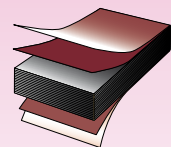
Panoprey for partitions:
a specific range designed for partitions

44



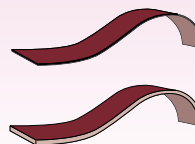
Polyrey, board bonded with high pressure laminate:
resistant and time-effective

46



Polyrey Compact, thick self-supporting laminate
the decorative solution for demanding environments

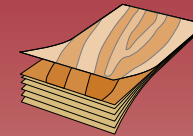
48



Thin and ABS edging
a quality, economical solution

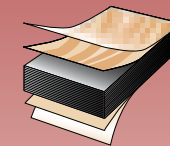
50

Placage products



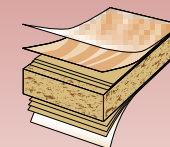
Polyrey Placage, real wood veneer laminate:
the warmth of wood, the ease of laminate

52



Compact Placage, real wood veneer solid grade laminate:
the beauty of wood, the durability of Compact

52



Panoplacage, board bonded with real wood veneer laminate:
the elegance of wood, the ease of board

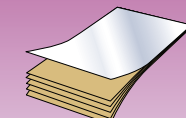
54



Placage edging, wood veneer edging:
a thin and flexible edging for the perfect finish

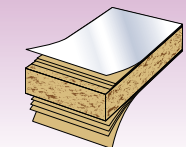
54

Pur Métal products

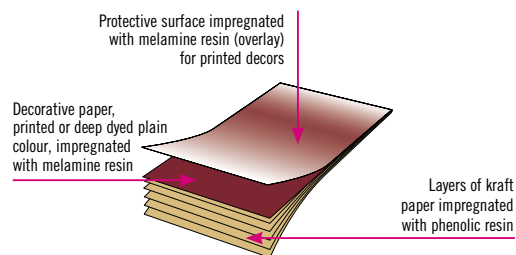


Polyrey Pur Métal and Panométal, real metal laminate:
the luminosity of metal, the ease of laminate

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polyrey HPL, high pressure laminate



A reliable comprehensive product

- Highly versatile.
- High impact and scratch resistance.
- Retains its appearance even in heavy duty applications.
- **Postforming grade** can achieve all types of edge detail.

Get more from Polyrey

- Polyrey HPL is available in 250 decors and in 4 new contemporary surface finishes:
 - BRIHG: high gloss lacquered effect, intense and hard-wearing.
 - MAT: non-reflective matt effect. Enhances wood decors and false plain colours.
 - GRAIN: reproduces the natural texture of wood. Enhances woodgrains in particular by giving them a contemporary look.
 - SOFT: soft, silky, luminous effect. Enhances the elegance of stone decors, polished woods and false plain colours.
- Visual effect innovations: Strass decors.

Product offer

Sheet size in cm	215 x 97 (door size)	245 x 124	307 x 124		307 x 132	412 x 151	432 x 166
Finish or structure	FA - SURF	FA	FA BRIHG	BRIHG* - EPI STRIE - BATI	FA - SURF - BRIHG MAT - GRAIN - SOFT	SURF - SOFT	FA BRIHG
Standard grade	■			■			
Postforming grade		■	■		■	■	■
Fire retardant grade	■	■	■	■	■		

*Strass only

Product offer on request

Products available on request, subject to minimum order quantity and lead time:

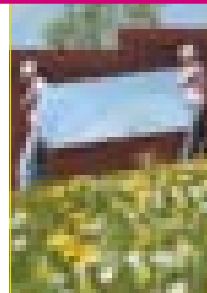
Subject to order quantity and multiple of 12:

- Other thicknesses: 1.0mm - 1.2mm - 1.5mm - 2.0mm - 2.5mm - 3.0mm - 4.0mm.
- "Strass" effects (Pluralis) available in all Papago plain colours, subject to technical validation.

Subject to 100 sheet minimum order quantity:

- Other surface finishes, subject to technical validation.
- Other sheet sizes.

Focus on... door sheet sizes



Easy to use and maintain, HPL is particularly suitable for doors.

A large selection of decors is offered in sheet sizes adapted for use in particular environments:

- 215 x 97 cm** - traditional doors
- 245 x 124 cm** - larger size doors (hospitals)

Marine certification



IMO: marine use.
The whole HPL offer in 0.8mm postforming or fire retardant grade is CE (Bureau Veritas) certified for marine applications.

Technical characteristics



polyrey HPL

Characteristics	Grade		Standard or Fire retardant		Postforming	
	Decors		Papago Origine Influence Pluralis*	Pearlescent decors (↑) and Pluralis with structure	Papago Origine Influence Pluralis**	Pearlescent decors (↑)
	Thickness in mm		0.8	0.8	0.8	0.8
	Classification		HGS or HGF	VGS or VGF	HGP	VGP
Surface defects - Spots - Linear	EN 438-2-4	mm²/m²	≤ 1 ≤ 10	≤ 1 ≤ 10	≤ 1 ≤ 10	≤ 1 ≤ 10
Thickness tolerance	EN 438-2-5	mm	± 0.1	± 0.1	± 0.1	± 0.1
Tolerance on length and width	EN 438-2-6	mm	-0 / +10	-0 / +10	-0 / +10	-0 / +10
Squareness tolerance	EN 438-2-7	mm/m	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Straightness tolerance	EN 438-2-8	mm/m	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Flatness tolerance	EN 438-2-9	mm/m	≤ 60	≤ 60	≤ 60	≤ 60
Abrasion resistance	EN 438-2-10	No of revolutions	≥ 350	Structure ≥ 150 Pearlescent ↑ ≥ 50	≥ 350	Pearlescent ↑ ≥ 50
Resistance to boiling water - BRIHG	EN 438-2-12	Class	3	3	3	3
- Other surface finishes			4	4	4	4
Resistance to steam - BRIHG	EN 438-2-14	Class	3	3	3	3
- Other surface finishes			4	4	4	4
Superficial heat resistance 180 °C - BRIHG	EN 438-2-16	Class	3 ⁽³⁾	3 ⁽³⁾	3 ⁽³⁾	3
- Other surface finishes			4 ⁽²⁾	4 ⁽²⁾	4 ⁽²⁾	4
Superficial humidity resistance - BRIHG	EN 12721: 1997	Class	3	3	3	3
- Other surface finishes			4	4	4	4
Dimensional stability - Longitudinal - Transverse	EN 438-2-17	%	< 0.55 < 1.05	< 0.75 < 1.25	< 0.55 < 1.05	< 0.75 < 1.25
Impact resistance (small ball)	EN 438-2-20	N	≥ 20	≥ 15	≥ 20	≥ 15
Impact resistance (large ball)	EN 438-2-21					
Height of fall		mm	≥ 800	≥ 600	≥ 800	≥ 600
Diameter of imprint		mm	≤ 10	≤ 10	≤ 10	≤ 10
Resistance to cracking	EN 438-2-23	Class	4	4	4	4
Scratch resistance - BRIHG	EN 438-2-25	Class	3	2	3	2
- With structure			-	3	-	-
- Other surface finishes			3	2	3	2
Stain resistance - Groups 1 and 2 - Group 3	EN 438-2-26	Class	5 4	5 4	5 4	5 4
Colour fastness under artificial light	EN 438-2-27		Grey scale	4 to 5	4 to 5	4 to 5
Resistance to cigarette burns	EN 438-2-30	Class	3	3	3	3
Postforming radius	EN 438-2-31 or 32	Minimum radius in mm			8 10	8 10
Resistance to blistering	EN 438-2-33 or 34	Seconds			≥ 15	≥ 15
Bending radius (convex or concave)		Minimum radius in cm	HGS: 20 HGF: 30	VGS: 20 VGF: 30	10	10
Fire rating			HGS: M3 HGF: M1 (Class 1)	VGS: M3 VGF: M1 (Class 1)	M3	M3
Density			1.35	1.35	1.35	1.35
Thermal conductivity		Kcal/m.h.°C	0.1 to 0.5	0.1 to 0.5	0.1 to 0.5	0.1 to 0.5
Hygienic surface			Authorised	Authorised	Authorised	Authorised

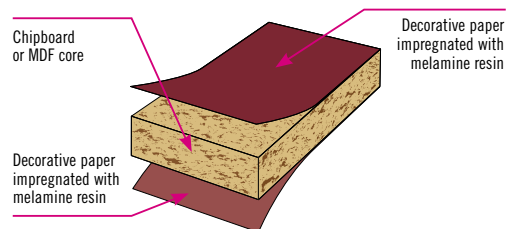
(1) No visible change (2) Slight change in aspect and/or colour only visible at certain angles (3) Moderate change in aspect and/or colour (4) Moderate change in aspect and/or moderate brown stains (5) Hairline cracks only visible under magnification x5.

* Pluralis: Strass decors. ** Pluralis: Vêga, Volans decors.

HGP : Horizontal Grade Postforming - HGS : Horizontal Grade Standard - HGF : Horizontal Grade Fire retardant.
VGS : Compact Grade Standard - VGF : Vertical Grade Fire retardant - VGP : Vertical Grade Postforming.

Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade.

panoprey, melamine faced board



Economical and practical

- The “all-round” basic product.
- Good price/quality ratio for interior fitting and furniture.
- Core in PEFC grade available on request.



Get more from Polyrey

- Available in 120 decors, of which 94 are the most popular today and 26 are future best-sellers.
- 2 new surface finishes:
 - MAT: non-reflective matt effect. Enhances wood decors and false plain colours.
 - GRAIN: reproduces the natural texture of wood. Enhances woodgrains in particular by giving them a contemporary look.

Product offer

Products available on request subject to short lead time (identical decor on both sides):

Sheet size in cm		280 x 207	
Finish		FA - MAT - GRAIN	
Core		Chipboard	MDF
Thickness in mm	Standard grade	8 - 12 - 16 - 19 - 22 - 25 - 30	8 - 12 - 16 - 19 - 25 - 30
	Moisture resistant grade	12 - 19	
	Fire retardant grade	12 - 16 - 19	19

Product offer on request

Products available on request subject to minimum order quantity and lead time:

- HR: “Higher resistance” grade.
- 1 side decor / 1 side white.
- Other sheet sizes or thicknesses.
- Larger sheet size 322 x 207 cm.

Sheet size in cm		322 x 207	
Finish		FA - MAT - GRAIN	
Core		Chipboard	
Thickness in mm	Standard grade	19 - 25 - 28	

Focus on...the exclusive 322 x 207 cm sheet size



- Polyrey also offers a larger sheet size to optimise cutting and to accommodate interior fitting spaces of greater height.
- Contact us for minimum order quantities.

Fire classification

- Standard grade ≥ 9mm: **D-s2,d0.**
- Moisture resistant grade ≥ 9mm: **D-s2,d0.**
- Fire retardant grade **B-s2,d0.**

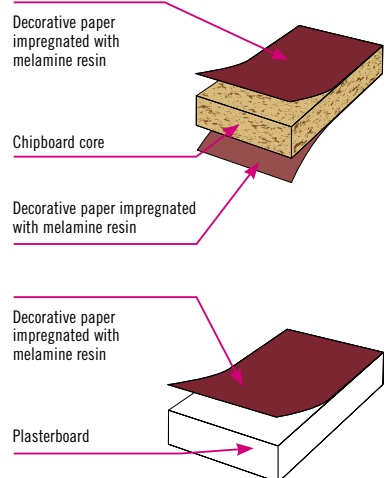
Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade.

Technical characteristics



	Grade		Standard	Fire retardant	Moisture resistant	Standard
	Core		Chipboard EN 312 type P2	Chipboard EN 312 type P2	Chipboard EN 312 type P3	MDF EN 622-5
Characteristics	Standard	Unit of measure				
Density	EN 323	Kg/m³	650 +/- 10 %	700 +/- 10 %	670 +/- 10 %	760 +/- 10 %
Thickness tolerance	EN 324-1	mm	nominal thickness ± 0.3	nominal thickness ± 0.3	nominal thickness ± 0.3	nominal thickness ± 0.3
Length/width tolerance	EN 324-1 & 2	mm	± 5	± 5	± 5	± 5
On length and width		mm/m	2	2	2	2
Squareness		mm/m	1.5	1.5	1.5	1.5
Straightness						
Appearance defects	EN 14323	mm²/m²	≤ 2	≤ 2	≤ 2	≤ 2
Sporadic		mm/m	≤ 20	≤ 20	≤ 20	≤ 20
Linear						
Moisture Content (ex factory)	EN 322	%	5 to 13	5 to 13	5 to 13	4 to 11
Dry perpendicular traction	EN 319	Mpa	8mm			
12mm			≥ 0.40			≥ 0.65
16mm			≥ 0.40	≥ 0.40	≥ 0.45	≥ 0.60
19mm			≥ 0.35	≥ 0.40		≥ 0.55
22mm			≥ 0.35	≥ 0.35	≥ 0.45	≥ 0.55
25mm			≥ 0.30			≥ 0.55
25mm			≥ 0.30			≥ 0.55
30mm			≥ 0.25			≥ 0.55
Bending strength for all directions	EN 310	Mpa	8mm			≥ 23
12mm			≥ 13			≥ 22
16mm			≥ 13	≥ 13	≥ 15	≥ 20
19mm			≥ 13	≥ 13		≥ 20
22mm			≥ 11.5		≥ 14	≥ 20
25mm			≥ 11.5			≥ 18
25mm			≥ 11.5			≥ 18
30mm			≥ 10			≥ 18
Elasticity for all directions	EN 310	Mpa	8mm			≥ 2700
12mm			≥ 1800			≥ 2500
16mm			≥ 1800	≥ 1800	≥ 2050	≥ 2200
19mm			≥ 1600	≥ 1600		≥ 2200
22mm			≥ 1600	≥ 1600	≥ 1950	≥ 2100
25mm			≥ 1500			≥ 2100
25mm			≥ 1500			≥ 2100
30mm			≥ 1350			≥ 2100
Surface cohesion	EN 311	Mpa	≥ 1.0	≥ 1.0	≥ 1.0	≥ 1.0
Flatness (Thickness ≥ 15mm)	EN 14323	mm/m	≤ 2	≤ 2	≤ 2	≤ 2
Edging cohesion	EN 14323	mm	≤ 10	≤ 10	≤ 10	≤ 10
Formaldehyde class	EN 120	Class	E1	E1	E1	E1
Formaldehyde level	EN 120	mg/100g	≤ 8	≤ 8	≤ 8	≤ 8
Swelling in thickness after 24hrs	EN 317	%			≤ 14	
12mm - 19mm						
Internal cohesion under cyclic test conditions	EN 321	N/nm²			≥ 0.15	
12mm					≥ 0.13	
19mm						
Swelling in thickness under cyclic test conditions	EN 321	%			≥ 14	
12mm					≥ 13	
19mm						
Resistance to cracking	EN 14323	Class	3 ⁽¹⁾	3 ⁽¹⁾	3 ⁽¹⁾	3 ⁽¹⁾
Stain resistance	EN 14323	Class	3 ⁽²⁾	3 ⁽²⁾	3 ⁽²⁾	3 ⁽²⁾
Abrasion resistance	EN 14323	Class	3A ⁽³⁾	3A ⁽³⁾	3A ⁽³⁾	3A ⁽³⁾
Plain colours			1 ⁽⁴⁾	1 ⁽⁴⁾	1 ⁽⁴⁾	1 ⁽⁴⁾
Patterns						
Colour fastness under artificial light	EN 14323	Grey scale	4 to 5	4 to 5	4 to 5	4 to 5
Impact resistance (324g ball)	EN 14323					
Height of fall		cm	50	50	50	50
Diameter of imprint		mm	≤ 10	≤ 10	≤ 10	≤ 10
Scratch resistance	EN 14323	N/nm²	Average 1.5	Average 1.5	Average 1.5	Average 1.5
Fire rating (Euroclass)						
8mm			No rating			
12 - 16 - 19mm			D-s2,d0	B-s2,d0	D-s2,d0	D-s2,d0
22 - 25 - 30mm			D-s2,d0			D-s2,d0
Calorific value		kcal/kg	Approx. 4000	Approx. 4000	Approx. 4000	Approx. 4000

(1) Hairline cracking spread randomly across the surface (2) Moderate change in aspect and/or colour (3) ≥ 350 revolutions (4) < 150 revolutions.



Chipboard core Plasterboard core

- Polyrey has developed a specific range of board sizes and decors for partitions available in 2 types of core board.
- These products are compatible with most modular partition systems and are specified by the main players on the market.
- Core in PEFC grade available on request.



Chipboard

- Available in a selection of decors for partitions in woodgrains, false plain colours and plain colours reflecting Polyrey's decorative diversity.

Plasterboard

- Rey Partition - Panoprey on plasterboard - developed and patented by Polyrey is suitable for use in high-rise buildings and wherever B-s1,d0 certification is required.
- Aesthetic and easily installed on site without noise or dust...
- Easy to maintain with a greater surface resistance than PVC. Impact and chemical and household cleaning product resistance identical to that of Panoprey on chipboard core.

Product offer

products available on request subject to short lead time:

	1 side decor, unfinished reverse		2 identical sides
Sheet size in cm	260 x 120	300 x 120	307 x 124
Core	Plasterboard		Standard grade chipboard
Finish	FA		FA
Thickness in mm	12.5		12 - 16 - 19
Minimum order	150		75

Focus on... fast track range



A fast track range of **5 decors** has been created to meet your urgent requirements.
50 sheet minimum order quantity.
A brochure is available on request.

E 009 Erable Blanc	H 025 Pommier de Honfleur	156 Crème Classique	B 069 Blanc Courchevel	149 Gris Paloma
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Fire classification

- Standard grade chipboard: **D-s2,d0.**
- Plasterboard core: **B-s1,d0** can be used in high-rise buildings.

Technical characteristics



scratch resistance



ease of maintenance



resistance to chemicals and household cleaning products



resistance to cracking



impact resistance



abrasion resistance



hygienic surface



colour fastness under artificial light

chipboard

Characteristics	Grade		Standard
	Core		Chipboard EN 312 type P2
	Standard	Unit of measure	
Density	EN 323	kg/m ³	650 +/- 10 %
Thickness tolerance	EN 324-1	mm	Nominal thickness ± 0.3
Tolerance	EN 324-1 & 2	mm	± 5
On length and width		mm/m	2
Squareness		mm/m	1.5
Appearance defects	EN 14323	mm ² /m ²	≤ 2
Sporadic		mm/m	≤ 20
Moisture content (ex factory)	EN 322	%	5 to 13
Dry perpendicular traction	EN 319	Mpa	
12mm			≥ 0.40
16mm			≥ 0.35
19mm			≥ 0.35
Bending strength for all directions	EN 310	Mpa	
12mm			≥ 13
16mm			≥ 13
19mm			≥ 13
Elasticity for all directions	EN 310	Mpa	
12mm			≥ 1800
16mm			≥ 1600
19mm			≥ 1600
Surface cohesion	EN 311	Mpa	≥ 1.0
Flatness (Thickness ≥ 15mm)	EN 14323	mm/m	≤ 2
Edging cohesion	EN 14323	mm	≤ 10
Formaldehyde grade	EN 120	Class	E1
Formaldehyde level	EN 120	mg/100g	≤ 8
Resistance to cracking	EN 14323	Class	3 ⁽¹⁾
Stain resistance	EN 14323	Class	3 ⁽²⁾
Abrasion resistance	EN 14323	Class	3A ⁽³⁾
Plain colours		Class	1 ⁽⁴⁾
Colour fastness under artificial light	EN 14323	Grey Scale	4 to 5
Impact resistance (324g ball)	EN 14323		
Height of fall		cm	50
Diameter of imprint		mm	≤ 10
Scratch resistance	EN 14323	N	Average 1.5
Fire rating (Euroclass)			D-s2,d0
Calorific value		kcal/kg	Approx. 4000

plasterboard

Characteristics	Grade		Standard
	Thickness		12.5mm
	Standard	Unit of measure	
Thickness tolerance	P72-302	mm	+ 0.5 / - 1
Tolerance	P72-302	mm	+ 0 / - 5
On length and width		mm/m	≤ 3
Surface defects	EN 14323		
Spots		mm ² /m ²	≤ 2
Linear		mm/m	≤ 20
Abrasion resistance	EN 14323	Class	Plain colours: 3A ⁽³⁾ Patterns: 1 ⁽⁴⁾
Resistance to cracking	EN 14323*	Class	3 ⁽¹⁾
Scratch resistance	EN 14323	N	Average 1.5
Impact resistance (500g ball)	P72-302		
Height of fall		cm	50
Diameter of imprint		mm	≤ 20
Stain resistance	EN 14323	Class	3 ⁽²⁾
Flatness (Thickness ≥ 15mm)	EN 14323	mm/m	≤ 2
Edging cohesion	EN 14323	mm	≤ 10
Colour fastness under artificial light	EN 14323	Grey Scale	4 to 6
Euroclass	EN 18323	Class	B-s1,d0
Calorific value	ISO 1716	MJ/m ²	10.72**
Density	P72-302	Kg/m ³	680-730
Dimensional stability	EN 520	daN	Longitudinal : 90 Transverse : 22

* test conducted according to EN 14323 at a temperature of 40°C since the conditions of use for plasterboard must be less than 45°C.

** total value of the plasterboard which is much less than the 21MJ/m² maximum value for use in high-rise buildings.

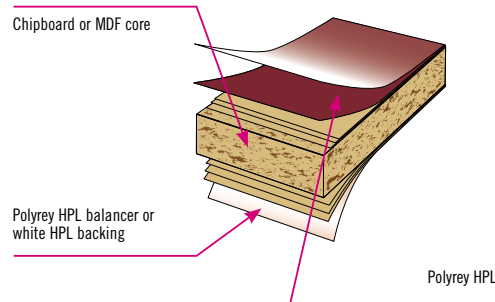
(1) Hairline cracking spread randomly across the surface.

(2) Moderate change in aspect and/or colour.

(3) ≥ 350 revolutions.

(4) < 150 revolutions.

polyprey, board bonded with HPL



Hard-wearing and ready to use

- The speedy solution
- Easy to use, Polyprey lightens your planning load allowing you to concentrate on more value-added tasks.
- Surface resistance of HPL ideal for horizontal applications.
- Core in PEFC grade available on request.



Get more from Polyrey

- 271 decors for all interior fitting projects.
- **Complete complementarity** with HPL decors and surface finishes.

Product offer

Products available on request subject to short lead time (identical decor on both sides or one side decor with white reverse):

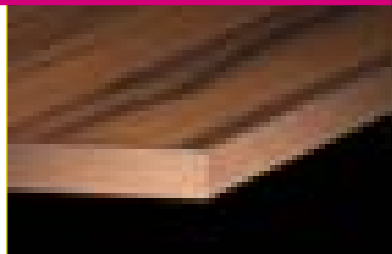
Sheet size in cm		307 x 124	307 x 124	307 x 132
Finish or structure		FA - BRIHG EPI - STRIE - BATI	FA - SURF - SOFT - MAT - GRAIN - BRIHG EPI - STRIE - BATI	FA - SURF - SOFT - MAT GRAIN - BRIHG
Core		Chipboard	MDF	Chipboard
Thickness in mm	Standard grade	9.6 – 13.6 – 17.6 – 20.6 + 0.6 with structure	20.6 + 0.6 with structure	9.6 – 13.6 – 17.6 – 20.6
	Moisture resistant grade	20.6		20.6
	Fire retardant grade	13.6 – 17.6 – 20.6		13.6 – 17.6 – 20.6

Product offer on request

Products available subject to minimum order quantity and lead time:

- Other core boards.
- Other surface finishes subject to technical validation.
- Other grades.

Focus on...MDF core



Polyprey is available on an MDF core board, which is more durable, denser and provides a "squarer" edge when cut.

Fire classification

- Standard grade:
D-s2,d0.
- Fire retardant grade:
B-s2,d0.
- Moisture resistant grade:
D-s2,d0.

Technical characteristics



Characteristics	Grade		Standard	Fire retardant	Moisture resistant	Standard
	Core		Chipboard EN 312 type P2	Chipboard EN 312 type P2	Chipboard EN 312 type P3	MDF EN 622-5
	Surface and balancer		High pressure laminate (HPL)			
	Standard	Unit of measure				
Density	EN 323	Kg/m ³	650 ± 10%	700 ± 10%	670 ± 10%	760 ± 10%
Moisture Content (ex factory)	EN 322	%	5 to 13	5 to 13	5 to 13	4 to 11
Surface defects	EN 438-2-5					
Spots		mm ² /m ²	≤ 1	≤ 1	≤ 1	≤ 1
Linear		mm/m ²	≤ 10	≤ 10	≤ 10	≤ 10
Tolerance	ISO 13894-1					
On length and width	6.1	mm	± 3.0	± 3.0	± 3.0	± 3.0
Straightness	6.2	mm/m	± 0.5	± 0.5	± 0.5	± 0.5
Squareness	6.3	mm/m	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
Thickness tolerance	ISO 13894-1-6.4	mm	± 0.5	± 0.5	± 0.5	± 0.5
Flatness tolerance	ISO 13894-1-7	mm/m				
Core thickness < 16mm			No requirement	No requirement	No requirement	No requirement
Core thickness ≥ 16mm			≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
Glue quality	ISO 13894-1-8	Class	5	5	5	5
Surface cohesion	ISO 13894-1-9	Mpa	≥ 1.0	≥ 1.0	≥ 1.0	≥ 1.0
Perpendicular traction	ISO 13894-1-10	Mpa	≥ 0.35	≥ 0.35	≥ 0.35	≥ 0.35
Bending strength	ISO 16978					
Breaking point for 19 mm core		Mpa	≥ 35	≥ 35	≥ 35	≥ 35
Modulus of elasticity for 19 mm core		Mpa	≥ 4500	≥ 4500	≥ 4500	≥ 4500
Core steam resistance	ISO 13894-1-14	mm				
Maximum swelling in thickness			≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1
Screw retention	ISO 13894-1-15					
On surface						
Core thickness < 16mm		N/mm	100	100	100	100
Core thickness ≥ 16mm		N	1500	1500	1500	1500
On edge						
Core thickness < 16mm		N	Not applicable	Not applicable	Not applicable	Not applicable
Core thickness ≥ 16mm		N	500	500	500	500
Impact resistance (large ball)	EN 438-2-17					
Height of fall		mm	≥ 600	≥ 600	≥ 600	≥ 600
Diameter of imprint		mm	≤ 10	≤ 10	≤ 10	≤ 10
Impact resistance (small ball)	EN 438-2-18	N	≥ 15	≥ 15	≥ 15	≥ 15
Water resistance	ISO 13894-1-19					
Maximum swelling of edging on 19mm core		%	15	15	5	15
Formaldehyde level	EN 120	Class	E1	E1	E1	E1
Fire rating (Euroclass)			D-s1,d0	B-s2,d0	D-s2,d0	D-s1,d0
Hygienic surface			Authorised	Authorised	Authorised	Authorised

Please refer to HPL table page 41 for surface technical characteristics.

polyrey compact, thick self-supporting laminate

Phenolic core: layers of kraft paper according to thickness, impregnated with phenolic resin

Decorative paper impregnated with melamine resin

Protective surface impregnated with melamine resin (overlay) for printed decors

Solid and decorative

- Shock resistant, self-supporting and machinable throughout its thickness.
- The ideal product for demanding environments: high traffic, humid...
- Chemically inert, suitable for contact with foodstuffs.

Get more from Polyrey

- Simplicity of choice: - 250 decors available in HPL.
- FA surface finish suitable for all applications.
- Simplicity of use: thick product, moisture resistant by nature and easy to maintain.

Product offer

Products available on request subject to short lead time:

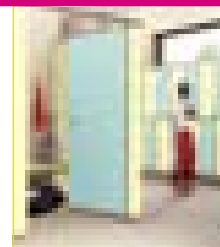
Sheet size in cm	215 x 97 (door size)	307 x 124
Finish	FA	FA
Thickness in mm	Standard grade	4 - 6 - 8 - 10 - 12.5
	Fire retardant grade	4 - 6 - 8 - 10 - 12.5

Product offer on request

Products available on request subject to minimum order quantity and lead time:

In multiples of 6 boards				
	Sheet size in cm	Other thicknesses		Larger sheet size
		215 x 97 (door size)	307 x 124	260 x 186
	Finish	FA	FA	FA
Thickness in mm	Standard grade	2 - 3 - 14 - 16 - 18 - 20	12.5	
	Fire retardant grade	2 - 3 - 14 - 16 - 18 - 20	-	

Focus on... cubicle sheet sizes



Ideal for cubicle partitions.

A selection of decors is available in larger sheet size.

To find out more about the Cubicle & Washroom collection, please request a brochure.

Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade.

Technical characteristics

polyrey compact

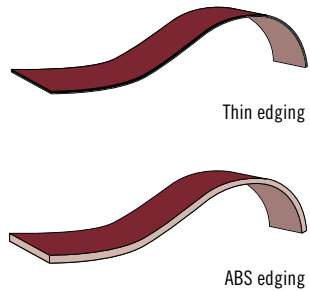


Characteristics	Grade		Standard	Fire retardant
	Finish		FA	
	Thickness in mm		4 - 6 - 8 - 10 - 12.5	
	Classification		CGS	CGF
Surface defects	Standard	Unit of measure		
Spots	EN 438-2-4	mm ² /m ²	≤ 1	≤ 1
Linear		mm/m ²	≤ 10	≤ 10
Thickness tolerance				
4mm		mm	± 0.30	± 0.30
6mm	EN 438-2-5	mm	± 0.40	± 0.40
8 and 10mm		mm	± 0.50	± 0.50
12.5mm		mm	± 0.60	± 0.60
Tolerance on length and width	EN 438-2-6	mm	-0 / +10	-0 / +10
Straightness tolerance	EN 438-2-7	mm/m	≤ 1.5	≤ 1.5
Squareness tolerance	EN 438-2-8	mm/m	≤ 1.5	≤ 1.5
Flatness tolerance				
4m thickness	EN 438-2-9	mm/m	≤ 8.0	≤ 8.0
6 and 8 mm thickness		mm/m	≤ 5.0	≤ 5.0
10 and 12.5mm thickness		mm/m	≤ 3.0	≤ 3.0
Abrasion resistance	EN 438-2-10	No of revolutions	≥ 350 except pearlescent ↑ ≥ 50	≥ 350 except pearlescent ↑ ≥ 50
Resistance to boiling water				
Mass				
4mm thickness	EN 438-2-12	%	5	7
> 4mm thickness		%	2	3
Thickness				
4mm thickness		%	6	9
> 4mm thickness		%	2	6
Appearance		Class	4 ⁽²⁾	4 ⁽²⁾
Resistance to steam	EN 438-2-14	Class	4 ⁽²⁾	4 ⁽²⁾
Superficial heat resistance 180 °C	EN 438-2-16	Class	4 ⁽²⁾	4 ⁽²⁾
Superficial humidity resistance	EN 12721	Class	4 ⁽²⁾	4 ⁽²⁾
Dimensional stability at high temperature				
4mm thickness	EN 438-2-17			
Longitudinal		%	≤ 0.40	≤ 0.40
Transverse		%	≤ 0.80	≤ 0.80
> 4mm thickness				
Longitudinal		%	≤ 0.30	≤ 0.30
Transverse		%	≤ 0.60	≤ 0.60
Impact resistance (large ball)				
Diameter of imprint	EN 438-2-21	mm	< 10	< 10
Height of fall		m	4mm: 1.40 6 to 12.5mm: 1.80	4mm: 1.40 6 to 12.5mm: 1.80
Resistance to cracking	EN 438-2-24	Class	4 ⁽⁵⁾	4 ⁽⁵⁾
Scratch resistance	EN 438-2-25	Rating	3 non pearlescent 2 pearlescent ↑	3 non pearlescent 2 pearlescent ↑
Stain resistance				
Groups 1 & 2	EN 438-2-26	Class	5 ⁽¹⁾	5 ⁽¹⁾
Group 3			4 ⁽²⁾	4 ⁽²⁾
Colour fastness under artificial light	EN 438-2-27	Grey scale	≥ 4	≥ 4
Resistance to cigarette burns	EN 438-2-30	Class	3 ⁽⁴⁾	3 ⁽⁴⁾
Fire rating (Euroclass)			6mm: D-s2,d0 8 to 12.5mm: C-s1,d0 Larger size 8 to 12.5mm: C-s2,d0	B-s2,d0
Density	EN ISO 1183-1	g/cm ³	1.35	1.35
Modulus of elasticity	ISO 178: 2003	Mpa	≥ 9,000	≥ 9,000
Bending strength	ISO 178: 2003	Mpa	≥ 80	≥ 80
Tensile strength	ISO R527: 1996	Mpa	≥ 60	≥ 60
Hygienic surface			Authorised	Authorised

(1) Hairline cracking spread randomly across the surface (2) Moderate change in aspect and/or colour (4) Moderate change in aspect and/or moderate brown stains (5) No change to surface, slight hairline cracks on the edges visible to the naked eye

CGF: Fire retardant Grade Compact. CGS: Standard Grade Compact.

edging, thin and ABS



Sleek and aesthetic

Polyrey offers a wide selection of edgings:

- Thin glued or unglued, or thick ABS.
- Identical, coordinating or contrasting effect.

Get more from Polyrey

A wide offer which can be easily combined with a number of decors from all ranges:

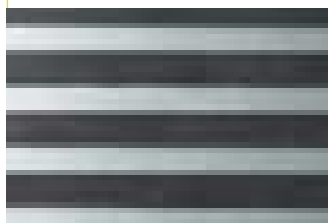
- 155 thin edgings.
- 96 thick edgings.
- 5 universal edgings.

Product offer

23mm width	thin melamine edging		ABS Integral edging
Rolls in 1m	25	150	75
Finish	FA		SAT
Backing	glued	unglued	unglued
Thickness	0.3mm		2mm

Focus on... universal edgings

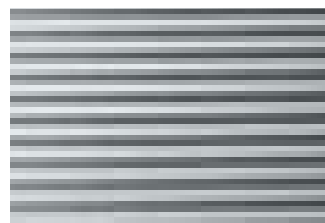
Created to complete the Polyrey offer, these edgings allow for the utmost creativity and perfectionism.



L 000 *Lamellé Wengé Métal*



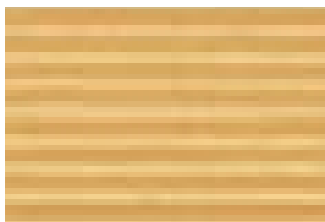
A 071 *Alu Glacé*



C 109 *Canelure Argent*



H 022 *Hêtre Lamellé*



L 012 *Lamellé Doré*

Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade.

placage, real wood veneer laminate

Real wood veneer laminate

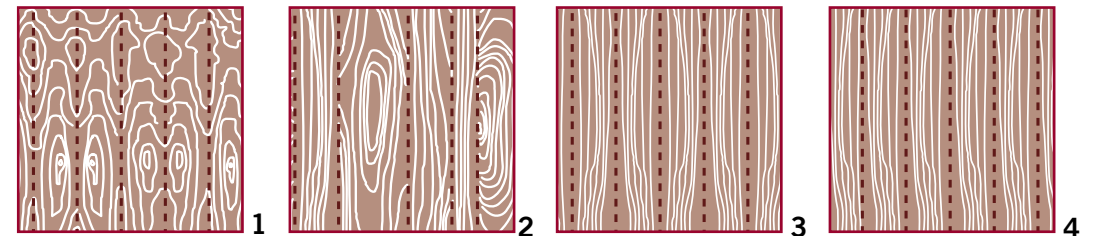
- Placage real wood veneer laminate combines the diversity and authenticity of real wood veneer with the ease of use and maintenance of laminate.
- The surface melamine overlay gives the wood the same surface finish durability (abrasion and scratch resistance) and ease of maintenance as other Polyrey laminates.
- Available in 4 surface finishes: BRIHG, MAT, SATINÉ and VEINÉ.
- 1 BRUT surface finish without overlay which can be stained and finished in the same way as unfinished wood.

New

Stained and reconstituted species

Polyrey has enriched its collection of stained and reconstituted species in order to reproduce rare species through the use of more common woods sourced from sustainable forests, thereby ensuring respect for the environment.

Jointing methods



1. Bookmatched flowered

The sheets of veneer are composed of layons sourced from the same log, which are crown cut (flowered effect). They follow one another symmetrically and regularly (bookmatched jointing method).

2. Random

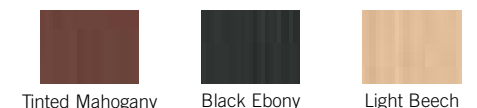
The sheets of veneer are composed of different logs matched as closely as possible in structure and colour to create a decor combining flowered and grain effect, similar to solid wood.

3. Straight grain

The sheets of veneer are composed of layons sourced from the same log, which are quarter cut (straight grain effect). They follow one another symmetrically and regularly (bookmatched jointing method).

4. Slipped straight grain

The sheets of veneer are juxtaposed by pattern to replicate the look of the wood. The slipped straight grain jointing method is particularly suited to 3 of the new species:

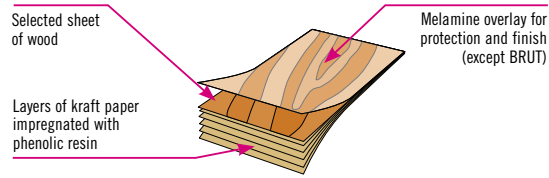


Tinted Mahogany

Black Ebony

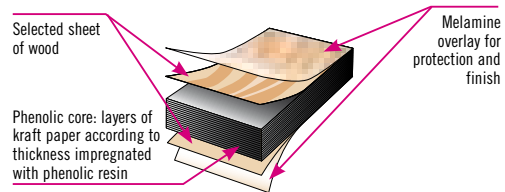
Light Beech

placage, real wood veneer laminate



Polyrey Placage

- The warmth of wood, the ease of laminate.
- Cold bending possible.



Compact Placage

- Hard-wearing and solid.
- Ideal for wall panelling.

Get more from Polyrey

- Placage real wood veneer laminate combines the diversity and authenticity of real wood veneer with the ease of use and maintenance of laminate.
- New reconstituted and stained species for improved consistency and a more contemporary look.
- 4 surface finishes with overlay: BRIHG, MAT, SATINÉ and VEINÉ.
- 1 BRUT surface finish without overlay which can be stained and finished in the same way as unfinished wood.

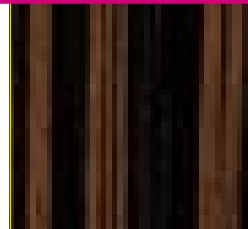
Product offer

Product	HPL Placage			Compact Placage
Sheet size in cm	307 x 124			307 x 124
Finish	SATINÉ - VEINÉ - MAT BRIHG - BRUT	SATINÉ - VEINÉ - MAT		SATINÉ - VEINÉ - MAT
Grade	Standard	Fire retardant	IMO marine	Standard
Thickness in mm	1	1.3	0.6	4 - 6 - 8 - 10 - 12.5
Shade selection	Selection within up to 3 similar shades per order Only available for stained or reconstituted veneers			

Product offer on request

- Products available made to order subject to minimum order quantity and lead time:
- Other finishes for 50 sheet minimum order quantity.
 - Other species for 100 sheet minimum order quantity.

Focus on... BRIHG



BRIHG: super glossy lacquered effect suitable for horizontal use - resistant to steel wool.

Fire classification

- **Compact Placage:** Standard grade: **D-s2,d0**
- **Polyrey Placage:** Standard grade: **M4**
Fire retardant grade: **M1 (Class 1)**

Marine certification

Reconstituted and stained species are available in 0.6mm IMO grade with CE (Bureau Veritas) certification for marine applications.

Technical characteristics



scratch resistance



ease of maintenance



heat resistance



resistance to chemicals and household cleaning products



impact resistance



abrasion resistance



hygienic surface

polyrey placage

Grade	Standard	Fire retardant	IMO marine
Finish	with overlay		
Thickness in mm	1.0	1.3	0.6
Classification	WTS	WTF	Conforms to marine regulation
Characteristics	Standard	Unit of measure	
Surface defects			
Spots	EN 438-2-4	mm ² /m ²	≤ 1
Linear		mm/m ²	≤ 10
Thickness tolerance	EN 438-2-5	mm	± 0.18
Tolerance on length and width	EN 438-2-6	mm	-0 / +10
Squareness tolerance	EN 438-2-7	mm/m	≤ 1.5
Straightness tolerance	EN 438-2-8	mm/m	≤ 1.5
Thickness tolerance	EN 438-2-9	mm/m	≤ 120
Abrasion resistance	EN 438-2-10	No of revolutions	≥ 350
Resistance to boiling water	EN 438-2-12	No delamination	
Superficial heat resistance	EN 12722 : 1997	Class	3 ⁽³⁾
Superficial humidity resistance	EN 12721 : 1997	Class	3 ⁽³⁾
Dimensional stability	EN 438-2-17	%	< 0.75 < 1.25
Impact resistance (large ball)	EN 438-2-21	mm	≥ 600
Height of fall		mm	≤ 12
Diameter of imprint		mm	≤ 12
Resistance to cracking	EN 438-2-23	Class	4 ⁽⁵⁾
Scratch resistance	EN 438-2-25	Class	2
Stain resistance	EN 438-2-26	Class	4 ⁽²⁾
Groups 1 & 2		Class	4 ⁽²⁾
Group 3		Class	4 ⁽²⁾
Colour fastness under artificial light	EN 438-2-27	Grey scale	2
Bending radius (convex or concave)		Minimum radius in cm	20
Fire rating		M4	M1 (Class 1)
Density	ISO 1183-1	g/cm ³	1.0 (dependant on species)
Thermal conductivity ⁽²⁾		Kcal/m.h.°C	0.1 to 0.5
Hygienic surface		Authorised	Authorised

Polyrey placage & Compact placage:

(2) Slight change in aspect and/or colour only visible at certain angles.

(3) Moderate change in aspect and/or colour.

(5) Hairline cracks only visible under magnification x6.

(6) No change to surface, slight hairline cracks on the edges visible to the naked eye.

Since wood is a natural product, each sheet is unique. Slight differences in grain and shade are to be considered as normal.

Characteristics such as knots and resin build-up cannot be considered as defects but as part of the decor. Each species depending on its origin will react differently to light.

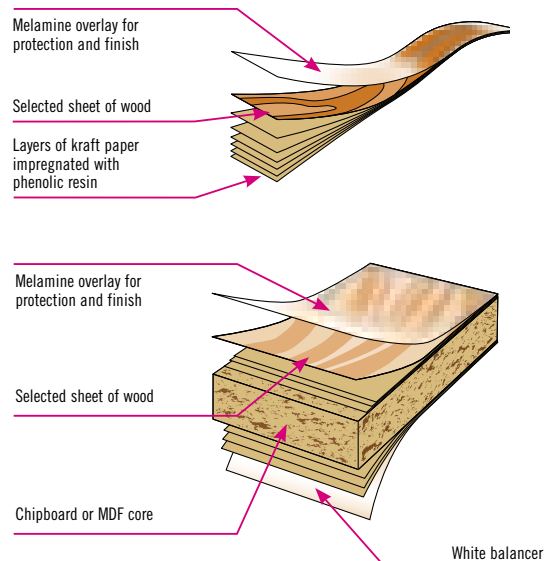
compact placage

Grade			Standard
Finish			with overlay
Thickness (mm)			4-6-8-10-12.5
Classification			WCS
Characteristics	Standard	Unit of measure	
Surface defects	EN 438-2-4		
Spots		mm²/m²	≤ 1
Linear		mm/m²	≤ 10
Thickness tolerance	EN 438-2-5		
4mm		mm	± 0.40
6mm		mm	± 0.50
8 and 10mm		mm	± 0.70
12.5m		mm	± 0.80
Tolerance on length and width	EN 438-2-6	mm	-0 / +10
Straightness tolerance	EN 438-2-7		
		mm/m	≤ 1.5
Squareness tolerance	EN 438-2-8	mm/m	≤ 1.5
Thickness tolerance	EN 438-2-9		
4mm		mm/m	≤ 8.0
6 and 8mm		mm/m	≤ 5.0
10 and 12.5mm		mm/m	≤ 3.0
Abrasion resistance	EN 438-2-10	No of revolutions	≥ 350
Resistance to boiling water	EN 438-2-12		No delamination
Superficial heat resistance	EN 12722: 1997	Class	3 ⁽³⁾
Superficial humidity resistance	EN 12721: 1997	Class	3 ⁽³⁾
Dimensional stability at high temperature	EN 438-2-17		
<u>4mm thickness</u>			
Longitudinal		%	≤ 0.55
Transverse		%	≤ 0.90
<u>> 4mm thickness</u>			
Longitudinal		%	≤ 0.45
Transverse		%	≤ 0.75
Impact resistance (large ball)	EN 438-2-21		
Height of fall		mm	≥ 800
Diameter of imprint		mm	≤ 10
Resistance to cracking	EN 438-2-24	Class	4 ⁽⁶⁾
Scratch resistance	EN 438-2-25	Class	2
Stain resistance	EN 438-2-26		
Groups 1 & 2		Class	4 ⁽²⁾
Group 3			4 ⁽²⁾
Colour fastness under artificial light	EN 438-2-27	Grey scale	≥ 2
Fire rating (Euroclass)			D-s2,d0
Density	EN ISO 1183 -1	g/cm³	1.10 (dependant on species)
Modulus of elasticity	EN ISO 178: 2004	Mpa	≥ 6,500
Bending strength	EN ISO 178: 2004	Mpa	≥ 65
Hygienic surface		Authorised	Authorised

Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade

WTS: Real Wood Veneer Laminate. WCS: Standard grade Real Wood Veneer. WTF: Fire retardant grade Real Wood Veneer.

placage, real wood veneer laminate



Placage Edging

- The perfect finish.
- Easy to apply.

Panoplacage

- Ready to use.
- Ready bonded and easy to use.
- Time efficient.
- PEFC grade available on request.



Get more from Polyrey

- **Panoplacage**
New reconstituted and stained species for improved consistency and a more contemporary look.
- **Placage edging**
Available in all finishes with overlay.

Product offer

	Panoplacage		Placage
Product	1 side Placage / 1 side B 008 white		Placage edging
Sheet size in cm	307 x 124		307 x 2.3
Finish	SATINÉ - VEINÉ - MAT - BRIHG		SATINÉ - VEINÉ - MAT - BRIHG
Standard grade core	Chipboard	MDF	Standard
Thickness in mm	10 - 14 - 18 - 21	21	0.6
Shade selection	Available on request		No selection available

Product offer on request

- Products available on request subject to minimum order quantity and lead time:
- 50 sheet minimum order quantity:**
- Panoplacage with identical species on both sides.
 - Panoplacage, standard grade M1.

Fire classification

- **Panoplacage:**
Standard grade chipboard: **D-s1,d0**. Standard grade MDF: **D-s1,d0**.

Please refer to the availability table to check sheet size and surface finish availability in the chosen decor and grade.

Technical characteristics



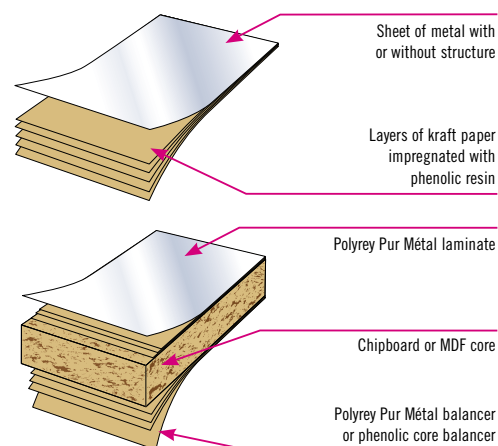
panoplacage

	Grade	Standard	Standard
	Core	Chipboard EN 312 type P2	MDF EN 622-5
	Surface and balancer	PLACAGE HPL	
Characteristics	Standard	Unit of measure	
Density	EN 323	Kg/m ³	650 ± 10%
Moisture Content (ex factory)	EN 322	%	5 to 13
Surface defects	EN 438-2-5		
Spots		mm ² /m ²	≤ 1
Linear		mm/m ²	≤ 10
Tolerance	ISO 13894-1		
On length and width	6.1	mm	± 3.0
Straightness	6.2	mm/m	± 0.5
Squareness	6.3	mm/m	≤ 2.0
Thickness tolerance	ISO 13894-1-6.4	mm	± 0.5
Flatness tolerance	ISO 13894-1-7	mm/m	
Core thickness < 16mm			No requirement
Core thickness ≥ 16mm			≤ 2.0
Glue quality	ISO 13894-1-8	Class	5
Surface cohesion	ISO 13894-1-9	Mpa	≥ 1.0
Perpendicular traction	ISO 13894-1-10	Mpa	≥ 0.35
Bending strength	ISO 16978		
Breaking point for 19 mm core		Mpa	≥ 35
Modulus of elasticity for 19 mm core		MPa	≥ 4500
Core steam resistance	ISO 13894-1-14	mm	
Maximum swelling in thickness			≤ 0.1
Screw retention	ISO 13894-1-15		
On surface			
Core thickness < 16mm		N	100
Core thickness ≥ 16mm		N	1500
On edge			
Core thickness < 16mm		N	Not applicable
Core thickness ≥ 16mm		N	500
Impact resistance (large ball)	EN 438-2-17		
Height of fall		mm	≥ 600
Diameter of imprint		mm	≤ 10
Impact resistance (small ball)	EN 438-2-18	N	≥ 15
Water resistance	ISO 13894-1-19		
Maximum swelling of edging on 19mm core		%	15
Formaldehyde level	EN 120	Class	E1
Fire rating (Euroclass)			D-s1,d0
Hygienic surface			Authorised

Please refer to Placage HPL table page 53 for surface technical characteristics.

Since wood is a natural product, each sheet is unique. Slight differences in grain and shade are to be considered as normal. Characteristics such as knots and resin build-up cannot be considered as defects but as part of the decor. Each species depending on its origin will react differently to light.

pur métal & panométal, real metal laminate



Luminous and practical

- A contemporary “technical” metallic touch.
- The ease of laminate.
- Panométal: PEFC grade available on request.



Get more from Polyrey

- Alu Brillant for a mirror effect, Alu Or for a luxurious effect.
- Textured surfaces for even greater light contrast.

Product catalogue

products available from stock for quick delivery:

Product	Pur Métal HPL	Panométal	
Sheet size in cm	307 x 124	306 x 123	
Finish	BROSSÉ - BRILLANT - MAT - SATINÉ - EPI - STRIE	BROSSÉ	
Core	Phenolic	Chipboard	MDF
Grade	Fire retardant by nature	Standard	Standard
Thickness in mm	1.0	10 - 14 - 18 - 21	21

Product offer on request

Products available on request subject to minimum order quantity and lead time:
Structures on other decors available for 100 sheet minimum order quantity.

Focus on... panométal

Alu Brossé (A 008) is available in Panométal, ready to use and ready bonded.

306 x 123 cm sheet size

- On chipboard core in 10, 14, 18 and 21mm thicknesses.
- On MDF in 21mm thickness.

Fire classification

- Pur Métal: B-s2,d0 by nature.
- Panométal: B-s1,d0 on standard grade chipboard or MDF core.

Technical characteristics



resistance to chemicals and household cleaning products



colour fastness under artificial light



resistance to cracking



ease of maintenance



hygienic surface

pur métal

Characteristics	Grade	Standard (Fire retardant by nature)	
	Thickness in mm	1.0	
	Classification	MTS	
Characteristics	Standard	Unit of measure	
Surface defects	EN 438-2-4		
Spots		mm ² /m ²	≤ 1
Linear		mm/m	≤ 10
Thickness tolerance	EN 438-2-5	mm	± 0.10
Tolerance on length and width	EN 438-2-6	mm	-0 / +10
Squareness tolerance	EN 438-2-7	mm/m	≤ 1.5
Straightness tolerance	EN 438-2-8	mm/m	≤ 1.5
Flatness tolerance	EN 438-2-9	mm/m	≤ 100
Abrasion resistance	EN 438-2-10	No of revolutions	No requirement
Resistance to boiling water	EN 438-2-12		No delamination
Steam resistance	EN 438-2-14	Class	3 ⁽¹⁾
Dimensional stability	EN 438-2-17		
Longitudinal		%	< 0.75
Transverse		%	< 1.25
Impact resistance	EN 438-2-21		No requirement
Resistance to cracking	EN 438-2-23	Class	4 ⁽⁵⁾
Scratch resistance	EN 438-2-25	Class	1
Stain resistance	EN 438-2-26		
Groups 1 & 2		Class	4 ⁽²⁾
Group 3			4 ⁽²⁾
Colour fastness under artificial light	EN 438-2-27	Grey scale	4
Bending radius (convex or concave)		Minimum radius in cm	20
Fire rating			M1 (Class 1)
Density	ISO 1183-1		1.35
Thermal conductivity λ		Kcal/m.h.°C	170 (Alu)
Electrical conductivity			Conductive
Hygienic surface			Authorised

(1) No visible change.

(2) Slight change in aspect and/or colour only visible at certain angles.

(3) Moderate change in aspect and/or colour.

(4) Moderate change in aspect and/or moderate brown stains.

(5) Hairline cracks only visible under magnification x6.

MTS: Real metal Foil laminate (M1) Standard Grade.

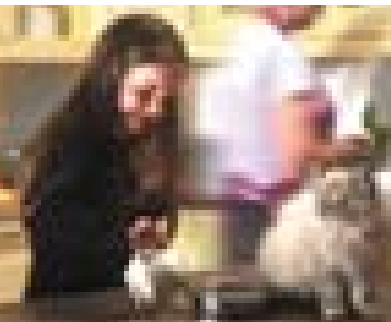
panométal

Characteristics	Grade	Standard	Standard
	Core	Chipboard EN 312 type P2	MDF EN 622-5
	Surface and balancer	PUR MÉTAL HPL	
Characteristics	Standard	Unit of measure	
Density	EN 323	Kg/m ³	650 ± 10%
Moisture Content (ex factory)	EN 322	%	5 to 13
Surface defects	EN 438-2-5		
Spots		mm ² /m ²	≤ 1
Linear		mm/m	≤ 10
Tolerance	ISO 13894-1-6.1	mm	± 3.0
On length and width	6.2	mm/m	± 0.5
Straightness	6.3	mm/m	≤ 2.0
Squareness	ISO 13894-1-6.4	mm	± 0.5
Thickness tolerance	ISO 13894-1-6.4	mm	± 0.5
Flatness tolerance	ISO 13894-1-7	mm/m	No requirement
Core thickness < 16mm			≤ 2.0
Core thickness ≥ 16mm			≤ 2.0
Glue quality	ISO 13894-1-8	Class	5
Surface cohesion	ISO 13894-1-9	Mpa	≥ 1.0
Perpendicular traction	ISO 13894-1-10	MPa	≥ 0.35
Bending strength	ISO 16978		
Breaking point for 19 mm core		Mpa	≥ 35
Modulus of elasticity for 19mm core		Mpa	≥ 4500
Core steam resistance	ISO 13894-1-14	mm	≤ 0.1
Maximum swelling in thickness	ISO 13894-1-15		≤ 0.1
Screw retention	ISO 13894-1-15		
On surface		N/mm	100
Core thickness < 16mm		N	1500
Core thickness ≥ 16mm		N	1500
On edge		N	Not applicable
Core thickness < 16mm		N	500
Core thickness ≥ 16mm		N	500
Impact resistance (large ball)	EN 438-2-17		
Height of fall		mm	≥ 600
Diameter of imprint		mm	≤ 10
Impact resistance (small ball)	EN 438-2-18	N	≥ 15
Water resistance	ISO 13894-1-19		
Maximum swelling of edging on 19mm core		%	15
Formaldehyde level	EN 120	Class	E1
Fire rating (Euroclass)			B-s2,d0
Hygienic surface			Authorised

Please refer to the Pur Métal HPL table on this page for surface technical characteristics.

omega & odyssey worktops

Worksurfaces with built-in antibacterial protection



Worktops

- The Polyrey Omega and Odyssey worktop collections offer a comprehensive range of classic and contemporary designs in a range of surface finishes. A number of decors are also available in a high gloss finish (BRIHG) to provide an elegant and sophisticated look.
- The range of 60mm thick worktops with a block edge profile makes a real design statement as an end support panel and is available in 8 modern decors.

Get more from Polyrey

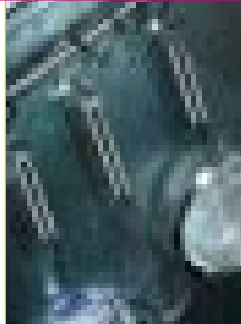
- Active hygiene helps protect your worktop against bacteria. The active elements are integrated within the laminate and do not wear off with intensive use and cleaning.
- BRIHG not only creates the look of natural granite, it is a real technical advance. BRIHG is a higher resistance gloss effect which protects against scuffing and marking.

Offer by product type

	Omega				Odyssey				Omega & Odyssey		
Profile	C-line		D-line		SPF or DPF						
											
Products	Worktops								Splashback		Upstand
Core	E1 grade chipboard										
Core thickness in mm	38				28		38		8		20
Length in cm	405			202	300				303	150	303
Width in cm	60	66.5	90	90	60	90	60	90	60	120	100

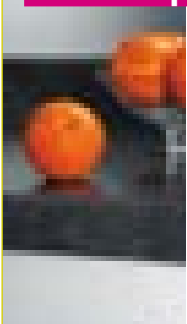
SPF = Single profiled edge – DPF = Double profiled edge

Splashbacks



A choice of 6 decors for the perfect finish.
Also available in a high gloss finish (BRIHG) to coordinate with textured finishes for a sleek designer look.
Simple to install with a push-fit trim system and a universal hanging rail.

Upstands



Polyrey upstands provide a clean and economical finishing touch.
Textured and high gloss finishes can combine with painted walls for a stylish look.

cubicle & washroom collection

The Cubicle & Washroom collection is a comprehensive range of decors available in a product offer designed to meet the specific needs of this demanding environment:

- Larger sheet sizes to optimise sheet usage.
- Moisture resistant grade.



Get more from Polyrey

A selection of Cubicle & Washroom decors is available in postforming grade 10mm Compact, ideal for lockers and vanity units. This high performance product is a self-supporting solid grade laminate which can be postformed to a 15mm radius convex or concave profile.
Compact also helps improve hygiene in wet and high traffic areas as it is easy to clean and limits bacterial growth.

Product offer

Essential products						
Product	Postforming grade HPL		Solid grade laminate		Melamine faced chipboard	
Product name	POLYREY HPL			COMPACT		PANOPREY
Size in cm	412 x 151	432 x 166	366 x 151	260 x 186	366 x 151	263 x 207
Thickness in mm	0.8	0.8	0.8	12.5	12.5	19

Find out more



The Building Regulations part M in conjunction with the Disability Discrimination Act 2004 make recommendations with regards to the use of combinations of colour in the Cubicle & Washroom environment. Details of luminescence readings by decor are available from Polyrey UK on request.

To find out more about the Cubicle & Washroom, Locker and Vanity Unit collections or to receive a brochure of the decor range, please contact our sample line.

some fabrication guidelines

Preparatory stage

Transport and storage

- When handling, avoid dragging the decorative faces against one another. Lift the sheets either by hand or with the aid of suction pads. During all handling, ensure that the sheets do not rub against one another, and avoid impact, scratches, dirt, foreign bodies and contact with water or other liquids.
- Transport the sheets on pallets of sufficient size and rigidity.
- To avoid excessive distortion and facilitate subsequent conditioning, the sheets must be stored in dry premises, under cover. The climatic conditions must be 10 to 30°C, with 40 to 60% relative humidity.
- Avoid storing in proximity to a source of heat for extended periods.
- The sheets should preferably be stored flat, in piles or racks.
- The sheets should lie on a flat, clean, dry surface

and should not be subjected to any localised impact, in particular on the corners or edges.

- The last sheet should be turned over and covered by a rigid board. The protective covering used on each face of the pallet (board, cardboard...) should be retained for extra protection.
- All other methods of storage should be avoided, as they could cause distortion.

Conditioning

- Before fabricating, our products should be stored in the following ambient conditions for approximately 10 days:
 - Temperature: 18 to 22°C.
 - Relative humidity: 40 to 60%.
- It is strongly recommended that a stabilising period of approximately 10 days be observed before proceeding to any fabrication.
- Do not store filmed sheets beyond 6 months. After usage, it is essential to remove the film within a maximum of 2 months.

Fabrication of sheets (Polyrey HPL, Placage, Pur Métal)

For more information, please refer to the AFNOR or BLFA fabrication guidelines.

Balancing HPL sheets

- The larger the surface to be covered, the greater the need to balance the board correctly. The best results are obtained by using decorative laminate of similar origin and colour, laid in the same direction (see sanding on rear of sheet), and bonded simultaneously with the same technique on both supporting faces.
- Good results are also achieved using Polyrey balancers.

Cutting

- The best tools are those featuring tungsten-carbide inserts, sharpened with care to avoid chipping and incipient cracking or crazing. At all times, protect the decorative face of the HPL sheets against possible abrasive friction (a sheet of clean paper is sufficient).
 - Manual cutting with a scoring tool e.g. Zinc

worker's claw - follow the trace using a straight edge.

- Cutting with fixed machines: HPL sheets can be cut individually or in batches. Circular saws are most often used industrially.
 - To avoid stress-cracking, internal corners and notched incisions should always be smoothly rounded with a minimum radius of 5mm.
- Internal openings may be cut directly with a side and face cutter, or roughed-out with a drill bit to the required radius before making the opening by sawing down from one corner to the other. When drilling, the use of a hardwood wedge will prevent splintering when the tool is removed.
- Internal corners can lead to the formation of cracks. If internal corners are necessary for design reasons, the decorative laminates should be butt-jointed at each corner.
- When using laminates near a source of heat, the maximum temperature must not exceed 60°C.

Bonding (guide AFNOR T 54327)

- Work only on flat, clean surfaces at an ambient temperature of approximately 20°C and 50 to 60% relative humidity.
- When cutting HPL, dimensions should be over-sized by a few millimetres in relation to the core board.
- Use as little adhesive as possible, and apply evenly and symmetrically in the case of bonding two faces. (Please refer to the adhesive manufacturers' guidelines).
- Adhesives must be selected according to materials and application.
- A pre-test is always recommended before starting a major job.
- When bonding gloss laminates on a press, use moderate temperatures and pressures (t < 60°C and p between 1 and 1.5 bars).
- When hot bonding filmed sheets, avoid exceeding 70°C for 6 minutes at a pressure of 2 bars.

Postforming (AFNOR guideline T 54321)

- Postforming grade laminates can be formed under the effect of heat (165° to 170°C) and mechanical pressure along convex or concave generator lines. We guarantee a minimum radius of 8mm for our 0.8mm thick laminates.
- The postforming process requires specialist equipment.

- Postforming of a piece on a heated tube, then bonding separately onto a previously machined substrate.
- Postforming of a piece under infrared radiant elements, then bonding separately onto a previously machined substrate.
- Simultaneous postforming and bonding of a piece after heating under infrared radiant elements.
- Simultaneous postforming and bonding of a piece by contact with a heated bar.
- Continuous, simultaneous postforming and bonding using heat from infrared radiant elements.

Bonding

- The process consists of obtaining a curved surface from a flat decorative laminate by cold bending under mechanical pressure.
- The bending aptitude for a 0.8mm thick HPL depends on the grade of the product used. The minimum bending radii for our products are as follows:

Polyrey standard grade	20 cm
Polyrey postforming grade	10 cm
Polyrey Class 1 fire retardant grade	30 cm
Polyrey Placage	MAT, VEINÉ 20 cm SATINÉ, BRIHG 20 cm BRUT 40 cm
Polyrey Pur Métal	20 cm
Placage edging	30 mm

Fabrication of Compact, bonded boards and melamine faced chipboard

It is important to regulate the overbite of the blades so that the entry and exit cuts are of optimal quality. In practice, an overbite is used which corresponds to the full height of a tooth, and this height is then decreased if the exit cut is of a lower quality than the entry cut. If the opposite is the case, the height is increased.

Machining

- **Precision Cutting** This involves cutting pieces of an exact size from the original sheet, without chipping the edges of the decorative surface. Depending on the case, precision cutting includes: Cutting before the precision cutting, followed by adjustment. Precision cutting (or finishing) directly with a saw.
- **General Cutting** This process uses an electric circular saw:
 - a vertical or horizontal table
 - one or many cutting heads: fixed or mobile, situated on or below the table. Even in the case of rough cutting, it is always preferable to achieve edges with minimal dimensional variance, so as to limit the loss.

some fabrication guidelines

Even in the case of rough cutting, it is always preferable to achieve edges with minimal dimensional variance, so as to limit the loss of material in adjustments.

■ **Angle of entry and angle of exit** Whatever the type of teeth chosen, the essential characteristic is the angle of entry which should be between 6 and 12°. Angle > 12°: risk of crazing of surface
Angle > 6°: badly cut core board
-The angle of clearance will be 10 to 15°
-The spiral lead angle: often neglected, it assures a progressive penetration, therefore requiring less power from the machine above and below.

■ **Routing** This process generally involves the use of a router.

■ **Cut-outs** Cut-outs should be made using a fixed or hand-held cutter with tungstene carbide bits, at a high rpm (18,000 - 24,000rpm) with a minimum radius of 6mm on the internal corners. With Compact, routing and calibrating processes should be carried out on fixed machines equipped with carbon tools. The use of portable cutters and routers is advised.

■ **Drilling** Generally, for diameters up to 30mm, tungstene carbide spiral drillbits are used, which include a centre pin, two tracing teeth and two scouring teeth. High speed spiral drills with a point of angle of 60 to 80° are suitable for boards faced with HPL. With Compact laminate, it is preferable to use drills with a point of angle of 50 to 60°. Wherever possible, use a piece of wood as a back-up to produce a clean hole.

Relative Humidity

- Once the boards have been fabricated, the two faces should be ventilated and stored in the same ambient temperature and relative humidity conditions. This principle must be adhered to in the case of wall panelling in particular.
- Never leave a composite board or sheet of Compact with protective film on only one face.

Care and Maintenance

- Slight stains can be easily removed with a damp cloth and warm soapy water or non-abrasive, non-alkaline cleaning products. Stubborn stains can be removed with an organic solvent such as methylated spirits or acetone. Never use cleaning wax or polishing products. Vinyl adhesives should be removed with hot water, and neoprene adhesives with the appropriate solvent.

Finishing

Edging treatments

■ **Finishing** The rough edges of high pressure laminates are very sharp. They can be easily removed with a soft file, always working from the surface to the core board. A scraper, a small metal hand-plane at an angle of 15°, an electric plane or fine sandpaper may also be used.

The edges of Compact laminate boards can be finished by routing, followed by fine sanding and oiling depending on the desired finished look required. As a general rule, special edging is not necessary.

■ **Edging** The edges of core boards should be solid and even. Gaps can be corrected by using a filler. Edgings are generally applied using thermosetting adhesives, with or without primer, on an edging machine. Edgings can also be applied cold with contact adhesives, or hot with white adhesives using frame presses with clamps or heated bars.

Pre-glued edgings are available and are applied using heat and contact pressure. In the case of use in a humid environment, moisture resistant framing can be used (phenolic plywood), with profiles jointed by waterproof putty or epoxy or polyurethane primers, etc.

■ **Jointing** The jointing of boards on a wood-based core can be carried out in a number of ways, of which only a few are mentioned below:

– By screwing. Take care to pierce the holes so that the diameter is the same as the body of the screw and only use countersunk screws. The diameter of the screw hole in the HPL should be at least 0.5mm larger than the diameter of the screw.

– With stay bolts, glued pinions (Lamello system etc.)

When jointing Compact, it is necessary to take into account the dimensional variations and the direction of the board at the planning stage. Any piercing should be oversized and any ironmongery should be tightened with plastic washers in-between to allow sliding.

For more information

The information above constitutes a general basis for the fabrication of our products. For more in-depth instructions or specific fabrication guidelines, please refer to the guidelines available at www.polyrey.com or to the BLFA Code of Practice which can be ordered from the website www.blfa.co.uk:

1. Code of practice
2. British Standard for the production of high pressure decorative laminates based on thermosetting resins EN 438 1991
3. Worktops with HPL surfaces
4. UK fire regulations and BS 4765.
5. The processing of postforming grades of HPL (high pressure laminates)
6. General working recommendations for edging materials made from thermosetting resins
7. High pressure laminates in bathrooms
8. Fabrication and fixing of HPL veneered mineral based core materials
9. Bonding and processing of HPL on metal substrates
10. The processing and use of HPL compact sheets
11. Formed compact elements
12. Chemical resistance of HPL
13. Product data sheet for HPL
14. Product data sheet for HPL elements
15. Electrical properties of HPL electrostatic and antistatic behaviour
16. Fabricating with wood veneer laminates
17. Quality specification for high pressure laminate fabrication

A

Availability The conditions under which a product/ decor is feasible or readily available.

B

BRI High gloss finish. Will show scratches more readily. Not recommended for heavy duty applications.

BRIHG Higher resistance gloss finish. Enhances the luminosity and contrast of the decor. Designed for horizontal applications: resistance to steel wool with increased scratch resistance.

BRILLANT Shiny finish which is more delicate than other surface finishes especially on darker decors. Care should be taken in fabrication and everyday use.

BROSSE Surface finish imitating a lightly brushed surface. Finish used in the Pur Métal range.

BRUT Unfinished surface, to be finished according to intended application. Finish available for certain species in the Placage range.

BS British Standard. British system of colour standardisation.

BS EN 438 See Standard EN 438.

C

Collection All decor ranges (Tendance, Durion Classique or 2007-2012).

Compact Solid grade, thick, self-supporting high pressure laminate.

Complementarity Refers to different products available in the same decor.

D

Durion/Classique Laminate collection for everyday applications: plain colours, woodgrains, patterns and metal laminates.

E

Euroclass New European legislation for materials and their reaction to fire and fire retardancy.

F

FA Eggshell surface finish. Versatile finish, recommended for heavy duty and horizontal applications

Family Group of decors (e.g. Papago, Origine etc.).

Finish Characteristics of the surface (appearance and suitable applications).

Formable Grade of material allowing cold bending. For cold bending radius, please refer to product technical data sheet.

G

GRAIN Lined and textured wood effect. Evokes contemporary real wood.

H

HGF Horizontal grade fire retardant.

HGP Horizontal grade postforming.

HGS Horizontal grade standard.

HPL High Pressure Laminate, defined by standard EN 438 - conformity in manufacture.

I

Influence Range of patterned decors.

Integral Polyrey brand of 2mm thick edging.

Iridescent Refers to decors with changing pearl-like reflections.

L

Lamelle Refers to imitation wood decors reproduced in wide strips, such as a «butcher-block» effect.

M

M1, Fire Retardant, B1, Class 1 Fire ratings of laminate products which differ according to country.

MAT Matt surface finish - minimal light reflection. Applies to certain species in Placage, Pur Métal and certain decors in Origine and Influence ranges.

MDF Medium Density Fibreboard.

Melamine faced Refers to board covered by a decorative sheet impregnated with melamine resin (PPSM).

Moisture Resistant Treated to reduce the effects of moisture and humidity.

N

NCS Natural Colour System. Swedish system of colour standardisation.

O

Odyssey Polyrey brand of high pressure laminate worktops. Available in 3m length.

Omega Polyrey brand of high pressure laminate worktops, splashback and upstand systems. Available in 4m length.

Origine Range of imitation woodgrain decors.

Overlay Transparent melamine layer providing surface protection.

P

Panométal Polyrey brand. Pur Metal HPL bonded to board.

Panoplacage Polyrey brand. Placage real wood veneer laminate bonded to board.

Panoprey Polyrey brand of melamine faced board.

Pantone American system of colour standardisation.

Papago Range of plain colour decors.

Pearlescent Refers to decors with a pearl-like surface appearance.

PEFC European Programme of Forest Certification [Programme Européen des Forêts Certifiées] - certification guaranteeing the buyer that any product carrying the PEFC brand contributes to the promotion of sustainable forest management.

Placage Range of real wood veneer laminates.

Pluralis Range of decors using particular surface effects: pearlescents, iridescents and structures.

Polyprey Polyrey brand of board bonded with HPL on both faces.

Polyrey HPL Polyrey brand of high pressure laminate.

Postforming grade Grade of material allowing postforming. For postforming radius, please refer to product technical data sheet.

Pur Métal Range of real metal laminates.

R

RAL Abbreviation for «Reichsausschuß für Lieferbedingunge». German system of colour standardisation.

S

SAT Surface finish for ABS thick edging.

SATINÉ Surface finish which gives the appearance of polished wood – applies to certain species in the Placage range.

SOFT Soft, silky, luminous effect finish. Enhances the elegance of stone decors, polished woods and false plain colours.

Standard EN 438 European standard controlling the technical performance and resistance of high pressure laminates.

Standard NFB 54113 French standard controlling the technical surface performance of melamine faced boards.

Standard grade 2 meanings:

- For HPL - Flatbonding i.e. not postforming grade.
- Usual quality of MFC or MDF (not moisture resistant or fire retardant).

Structure (BATI, EPI, STRIE) Surface effect in which the decor is textured. (See Pluralis and Pur Métal).

SURF Textured surface finish. Versatile finish, particularly recommended for heavy duty and horizontal applications.

T

Tendance Collection of decor ranges particularly suited for contemporary fitting.

V

VEINÉ Surface finish which reproduces the grain of wood. Applies to certain species in the Placage range.

Vertical use Refers to certain decors not recommended for horizontal applications due to their abrasion resistance (Pur Métal and some pearlescents). These decors are indicated by ↑.

VGF Vertical grade fire retardant.

VGP Vertical grade postforming.

VGS Vertical grade standard.

Euroclass, the new European fire certification

3 criteria

1. Fire spread

A : Non-combustible material to **F** : Highly combustible material



2. Smoke production (s for smoke)

s1 : No smoke production to **s3** : High smoke production



3. Flaming droplets (d for droplets)

d0 : No droplets to **d2** : Numerous droplets



This new classification is determined by submitting the product to fire testing and evaluating its reaction at various phases of the fire process.

Euroclass classification for Polyrey panels

M Class equivalence	Euroclass			Product	Characteristics	Thickness	Grade to order	Issued by
M1	B	s2	d0	Panométal	MDF or chipboard	≥ 8mm	Standard	CTBA
	B	s1	d0	Rey Partition Panoprey on plasterboard	Plasterboard	12.5mm	Standard	LNE
	B	s2	d0	Compact CGF	307 x 124 cm sheet size	≥ 4mm	Fire retardant	LNE
	B	s2	d0	Polyprey	MDF or chipboard	≥ 12mm	Fire retardant	LNE
	B	s2	d0	Panoprey	MDF or chipboard	From 12 to 30mm	Fire retardant	CTBA
M2	C	s1	d0	Compact CGS	307 x 124 cm sheet size	≥ 8mm	Standard	CTBA
	C	s2	d0	Compact CGS	260 x 186 sheet size	≥ 8mm	Standard	CTBA
M3	D	s1	d0	Polyprey	Chipboard	≥ 8mm	Standard	CTBA
	D	s1	d0	Panoplacage	MDF or chipboard	≥ 8mm	Standard	CTBA
	D	s2	d0	Compact CGS	307 x 124 cm sheet size	From 6 to 8mm	Standard	CWFT
	D	s2	d0	Compact Placage WCS	307 x 124 cm sheet size	≥ 4mm	Standard	CTBA
	D	s2	d0	Polyprey	Moisture resistant grade chipboard	20.6mm	Moisture resistant	CWFT
	D	s2	d0	Panoprey	MDF or chipboard	From 9mm	Standard	CWFT

CWFT: Classified Without the need for Further Testing;

CTBA: Centre Technique du Bois et de l'Ameublement (Technical centre for wood and furniture);

LNE: Laboratoire National d'Essais (National testing laboratory).

CGS: Compact Grade Standard.

CGF: Compact Grade Fire retardant.

WCS : Compact Wood Grade Standard.