



# Signature

THE ART OF BEING UNIQUE  
Personalised Digital Compact & Laminate

**polyrey**

We create for you.

# DeSign it!

## Signature

Polyrey Signature opens up the scope of possibilities to interior designers by combining unlimited creativity with product reliability resulting in a product that is unique and easy to use.

Our high quality products in conjunction with our bespoke digital offer will create and define your boldest interior spaces.

By using our Polyrey® HPL laminate and the Reyispur® Compact solid grade laminate, your projects will be long-lasting and easy to maintain.

Bold, elegant and creative, distinguish your projects with our 100% personalised Signature digital laminate range by Polyrey.

We create for you.

polyrey







# Signature

With Polyrey Signature Digital Laminate you benefit from all the qualities of HPL and Compact solid grade laminate, without having to worry about its strength.

The composition of the Signature product is the same as the Polyrey HPL laminate. A core composed of layers of kraft paper impregnated with thermosetting resins, a decorative sheet and a protective overlay which provides excellent surface resistance.

The usual decorative sheet is replaced with your personalised design which is printed on white paper.

## PERSONALISED HIGH PRESSURE LAMINATE (HPL)



- 1/ Protective overlay for personalised decors.
- 2/ Personalised decor sheet (digital printing).
- 3/ Layers of kraft paper impregnated with thermosetting resin.



- HPL laminate conforming to standard EN 438
- Antibacterial Sanitized® grade laminate
- PEFC® eco-certified sheet



crack resistant



impact resistant



abrasion resistant



scratch resistant



colour fastness under artificial light



heat resistant



ease of maintenance



resistant to cigarette burns



resistant to chemical and household products



- Digital printing 300 dpi, in CMYK on white paper.
- No minimum format, maximum width 1510 mm.
- Maximum thicknesses : HPL : 1 mm; Compact : 12.5 mm; Polyrey (HPL bonded board) : 19.6 mm.
- Possible HPL finishes.

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# PERSONALISED HIGH PRESSURE LAMINATE

All the solutions for your furniture and interior fitting projects



RESTAURANTS / HOTELS



COMMERCIAL / RETAIL

CHOOSE PERSONALISED DIGITAL LAMINATE TO :

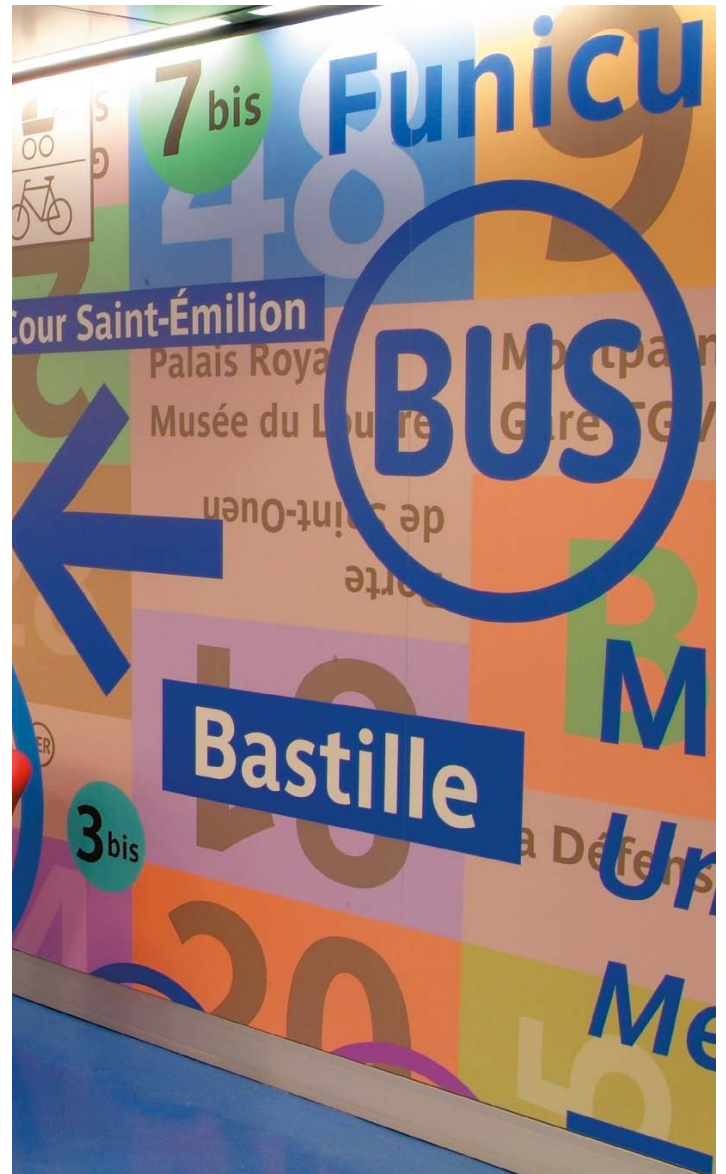
- Create unique and exclusive designs for your projects.
- Define spaces with graphics or branding.
- Propose designs not feasible using traditional methods.
- Incorporate signage (maps, signs...).



# Signature



HEALTHCARE / EDUCATION



TRANSPORT

## USE PERSONALISED DIGITAL LAMINATE :

- Photos, graphic designs or a composition printing.
- Available in : HPL, Compact (Solid Grade Laminate) or Polyprey (HPL bonded board).
- Single image, multi images or fresco .
- 5 different sheet sizes (from 2150 × 970 mm to 4120 × 1510 mm).

# PERSONALISED HIGH PRESSURE LAMINATE

All the solutions for your furniture and interior fitting projects



TABLES



DOORS



CUBICLES



FURNITURE



# Signature



WALL PANELLING

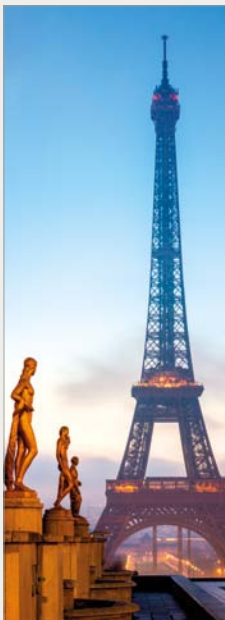
Since the composition of digital laminate HPL is almost identical to that of standard HPL, it can be used for many applications.

Applications	Signature HPL Laminate
Doors	•
Tables	•
Worktops	•
Wall Panelling	•
Partitions	•
Furniture	•
Lockers	•
Cubicles*	•
Signage	•
Splashbacks	•

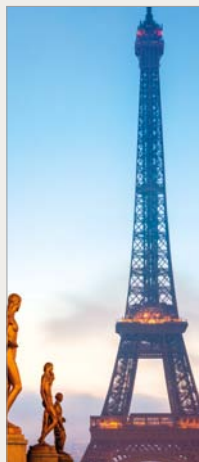
\* Not recommended for areas of high humidity and excessive moisture (showers, spas, swimming pools)

## 5 SHEET SIZES

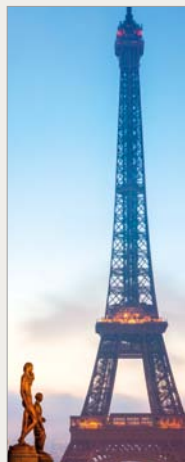
of HPL available thus allowing greater design freedom, whilst optimising the subject.



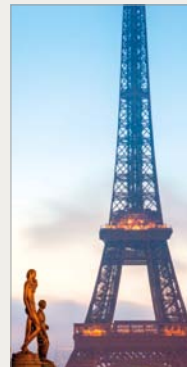
4120 × 1510 mm



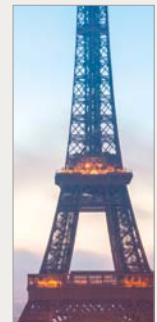
3070 × 1320 mm



3070 × 1240 mm



2450 × 1240 mm



2150 × 970 mm





# Signature

Manufacturing laminate since 1956, Polyrey has two French factories which are ISO 9001 and ISO 14001 certified and is committed to the quality and performance of its decorative boards for interior fitting.

The reliability of Polyrey products is also guaranteed with the Personalised Signature HPL laminate. The qualities required by the European standard EN 438 for HPL Laminates have been tested and verified for Signature Personalised HPL Laminate. Therefore, the mechanical, surface and fire resistance properties regarding Signature HPL also conform to standard EN 438 and guarantees the same quality for horizontal and vertical applications in interior use.

The customised decor is printed in high definition, with a technology which encapsulates the pigments to prevent them from being altered during laminating at a high pressure and a high temperature. Resulting in deep and intense colours, which are made to last, without fading over time.



- > Scratch resistant
- > Impact resistant
- > Stain resistant



DIGITAL TECHNOLOGY  
HIGH DEFINITION





# Signature

## LAMINATE AND COMPACT PEFC ECO-CERTIFIED

Polyrey has been PEFC-certified since 2003 by the FCBA, an independent sustainable and environmental management organisation, with the establishment of a chain of custody. The PEFC chain of custody certification is awarded to companies that can track and document the certified material throughout the entire manufacturing process, from the forest to the consumer, including all subsequent stages of procurement, processing, manufacturing, distribution and sale of certified goods.

\* All our HPL and Compact products contain a minimum of 40% PEFC-certified material.  
All our Polyrey, Panoprey and Polyform products contain a minimum of 90% PEFC-certified material.



PEFC certification (Programme for the Endorsement of Forest Certification) establishes criteria for sustainable forest management that are more stringent than national regulatory requirements, in accordance with international standards, and ensures their enforcement. The PEFC label thus guarantees that our products have been sourced from sustainably managed forests.





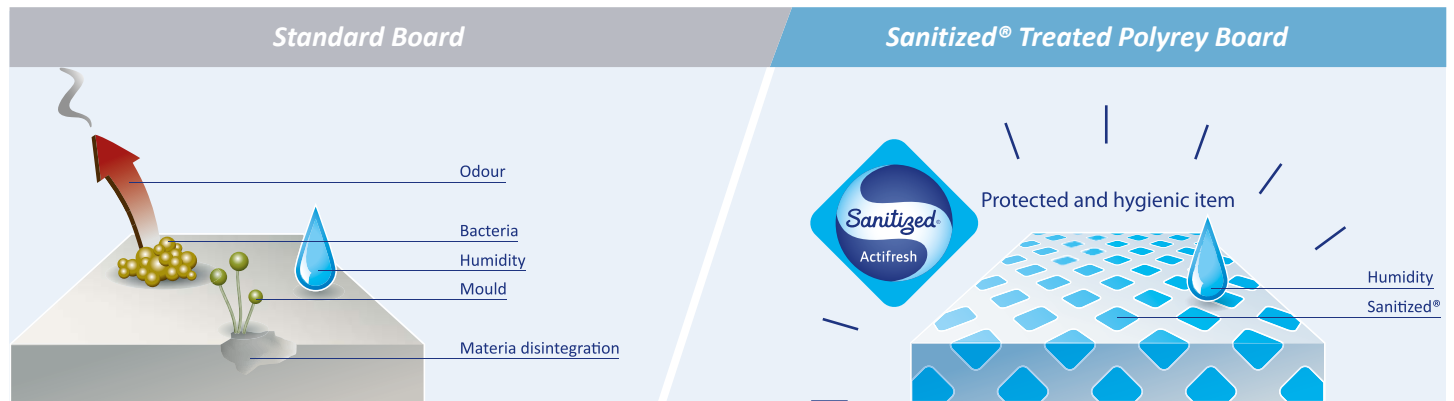
## POLYREY'S TECHNICAL EXPERTISE AND KNOWLEDGE

### ANTIBACTERIAL COMPACT AND HPL

For projects in Hospitals, schools or catering environments, Polyrey is committed to providing concrete answers to hygiene and health problems for users in contact with HPL laminate surfaces in public places.



Reinforced protection, integrated in the material, more than 99.9% of bacteria destroyed in 24 hours.



Incorporated in the material to guarantee life-time antibacterial protection, this biocide additive does not influence the technical and design performance of our treated products.

A technological innovation which Polyrey was able to conduct thanks to an integrated manufacturing process, including the manufacture of our own resins. The silver ions encapsulated in the glass beads are activated upon contact with humidity. They neutralize the bacteria on the surface and stop cellular division, therefore limiting bacterial proliferation.

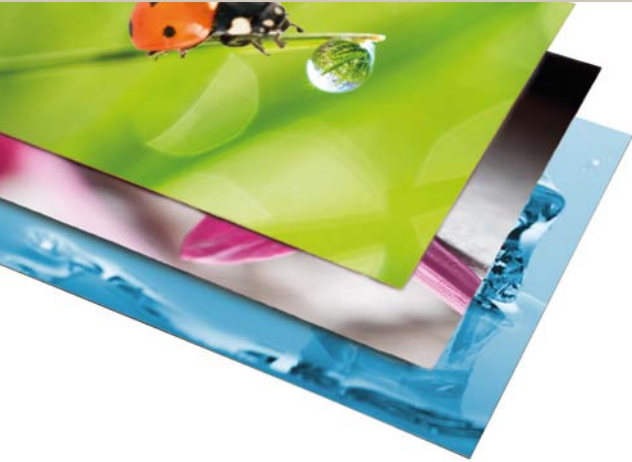
The Sanitized® treatment based on Ag+ ions is an inorganic solution, which does not migrate and does not change in time.

The silver is a non toxic molecule, unlike synthetic and organic antimicrobial substances such as triclosan.

## PERSONALISED HIGH PRESSURE LAMINATE

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### Polyrey® HPL Laminate

HPL laminate (0.8 mm to 1 mm) made up of layers of kraft paper and a decor impregnated with thermosetting resin.

A hard-wearing decorative product, very resistant to impact and scratches, resistant to stains and water. Hygienic, it benefits from a Sanitized® antibacterial treatment. Suitable for horizontal use (worktops, tables, furniture) and vertical use (doors, wall panels).

Available in Postforming Grade.

One sided digital decor.



### Reysipur® Compact Solid Grade Laminate

Solid Grade laminate (4 mm to 12.5 mm) composed of several layers of kraft paper and decorative papers on both sides impregnated with thermosetting resin. Very shock-resistant, it is suitable for high-traffic use. Hygienic and food safe, it benefits from a Sanitized® antibacterial treatment.

Available in standard grade.

One side digital decor, one side white decor.



Available in Monochrom® Compact in a white core.



### Polyprey® HPL Bonded Board

Bonded board comprising of HPL laminate on both sides on a chipboard core. The bonded board benefits from the excellent surface properties of HPL : resistance, durability, hygiene (Sanitized® treatment). Suitable for horizontal applications (worktops, counters).

Ready to use, it is a time saving solution, HPL is bonded on both sides with a high quality industrial adhesive for an exceptional finish.

Available in standard or moisture-resistant grades.

One side digital decor, one side white balancer.



# PRODUCT AVAILABILITY

## Polyrey® HPL Laminate

Size (mm)	Finish	Grade	Thickness (mm)
2150 x 970	FA - EXM	Standard	0,8
2450 x 1240	FA	Cold Bendable <sup>(1)</sup>	0,8
3070 x 1240	FA	Cold Bendable <sup>(1)</sup>	0,8
	BRI	Standard	1
3070 x 1320	BRI	Standard	1
	EPM <sup>(2)</sup>	Standard	
	FA - GRAIN - GRANIT - ROC - SURF - SOFT - EXM - LEG - ALG	Cold Bendable <sup>(1)</sup>	0,8
4120 x 1510	SURF - SOFT - BRI	Cold Bendable <sup>(1)</sup>	0,8

<sup>(1)</sup> Cold bending radius minimum 200 mm - Not postformable. - <sup>(2)</sup> Only in standard grade.

## Reysipur® Compact Solid Grade Laminate

Size (mm)	Finish	Grade	Thickness (mm)
2150 x 970	FA	Standard	4 - 6 - 8
3070 x 1240			10 - 12,5

## Monochrom® Compact

Size (mm)	Finish	Grade	Thickness (mm)
3070 X 1320	FA	Standard	8 - 10 - 12,5

## Polyrey® HPL Bonded Board

Size (mm)	Finish	Grade	Thickness (mm)
3070 x 1240	FA - SURF - SOFT - BRI <sup>(3)</sup> - EXM - GRAIN - EPM - LEG - GRANIT - ROC - ALG	Standard Moisture-resistant	19,6

<sup>(3)</sup> 20 mm thickness.

M1 Grade on request - BRI and EPM : recommended for vertical use only

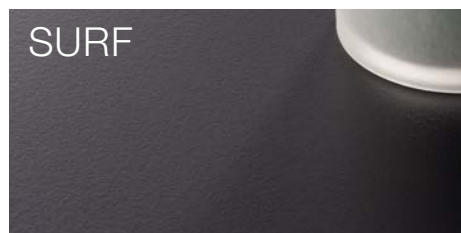
Be inspired  
by our textures  
**polyrey**



Refined satin eggshell



Highly polished effect



Subtle textured effect



Silky effect



Rough extra matt



Sanded wood effect



Elegant fine woodgrain



Lined matt & gloss effect



Textured granite effect



Authentic stone effect

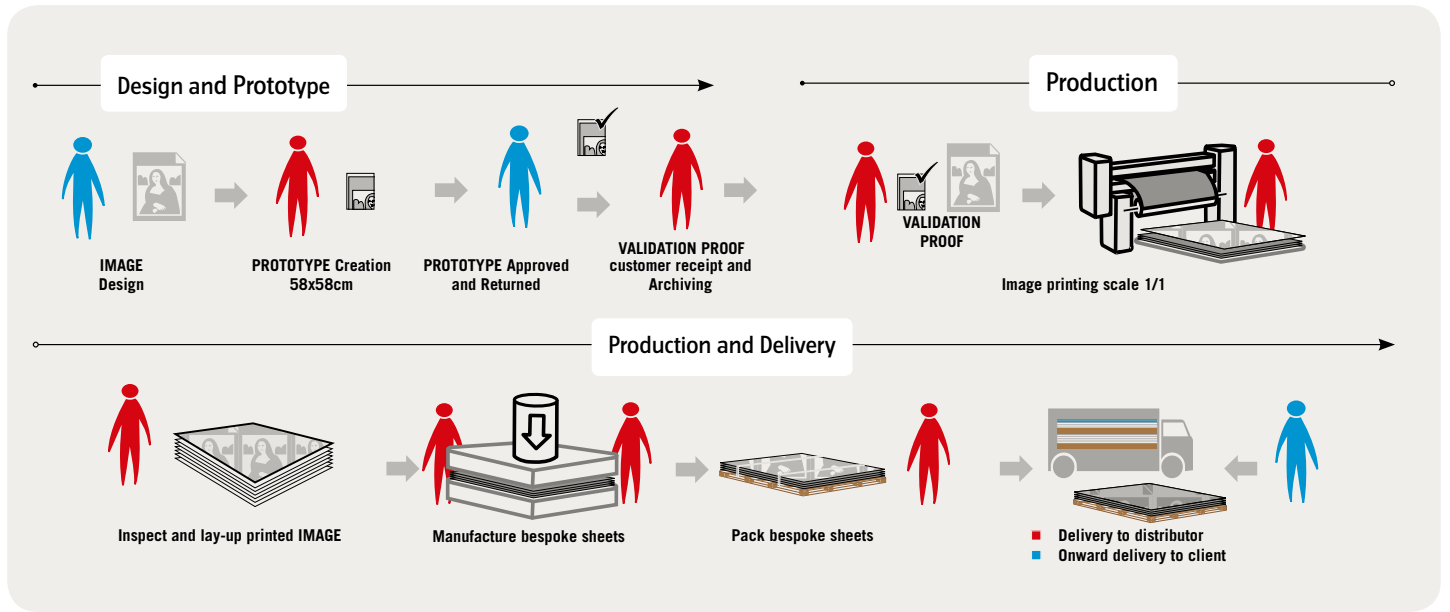
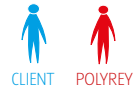


Brushed metal effect 15

# PERSONALISED HIGH PRESSURE LAMINATE

All the solutions for your furniture and interior fitting projects

Signature



## CREATION AND PRODUCTION PROCESS

- ① Design of the image file according to the Signature technical specification.
- ② Creation of a laminate prototype (58 x 58 cm) sent to the project manager to validate the decor after production.
- ③ Return of the Validation form approving the return of the prototype.
- ④ Printing of personalised Signature decor sheet.
- ⑤ Production and inspection of Signature product.
- ⑥ Delivery of Signature product to our distributors.



# DeSign it!



- > Creation of the files to be printed by the client
- > Checking and validation by Polyrey



- > Digital printing of the personalised decor



- > Production of the digital image as HPL



- > Inspection and delivery of the Signature boards

# NON FEASIBLE DECORS

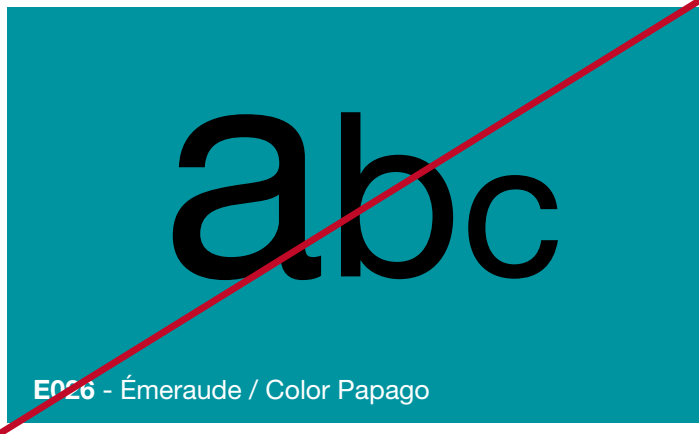
## Matching existing Polyrey decors with Signature Printing decors

Due to the digital printing technologies used for Signature decors, your designs can not be reproduced on existing Polyrey decors (plain colours, woodgrains or patterns), as it would not result in a sufficient colorimetric match. It is therefore impossible to obtain a perfect unity between the standard HPL laminate and a personalised digital Signature laminate.

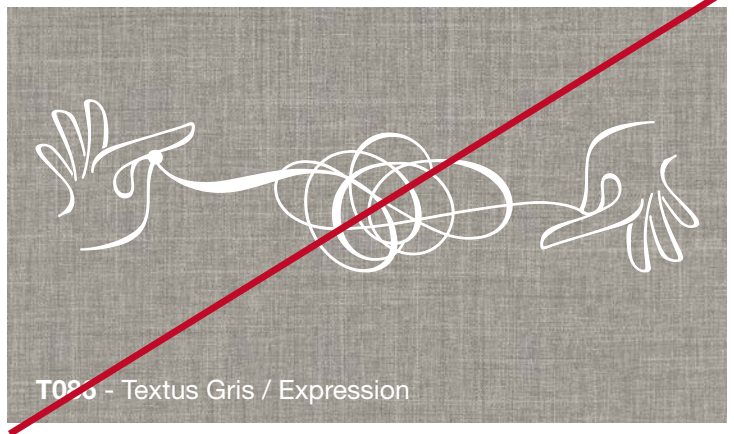
**R036 - Rouge Cerise**

C - 20%  
M - 100%  
J - 95%  
N - 10%

### Printing on Polyrey plain colour decors



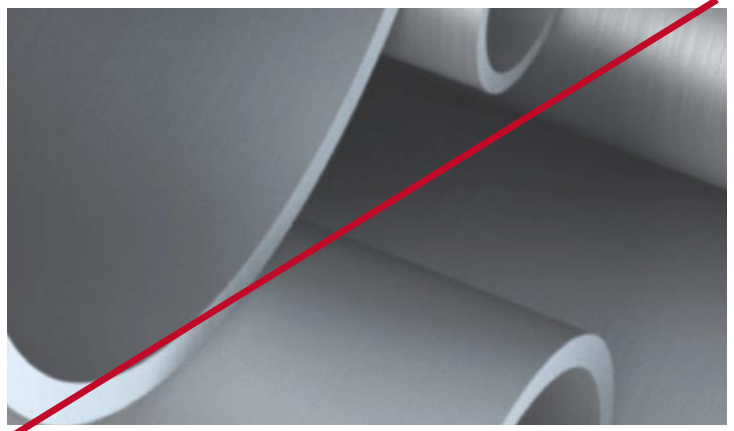
### Printing on Polyrey patterned decors



### Printing on Polyrey woodgrain decors



### Pearlescent - metallic effect decors





# FEASIBLE DECORS

*Signature*

Photography



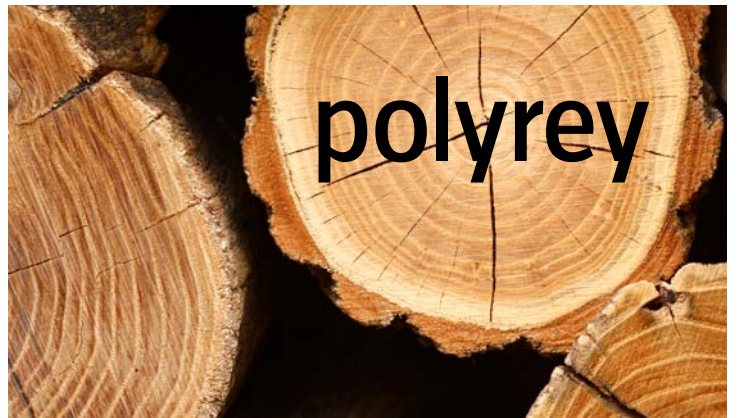
Graphic representation (drawing, pictogramme,...)



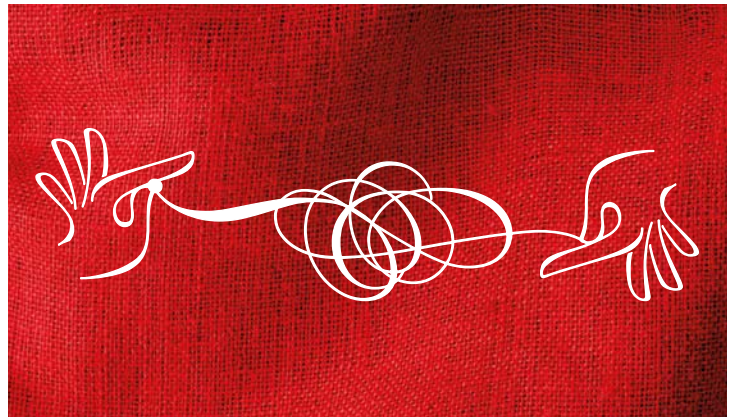
Composition : image & text



Composition : image & logo



Text or visual element on a plain CMYK or shaded background or an image background



## FILE TYPES

Illustration - Vectors



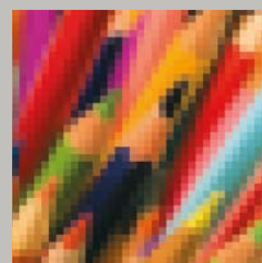
Photo - Pixels



**Accepted file formats:** .eps, .pdf; .tif, .ai, .psd

150 dpi mini on scale 1:1 & 300 dpi mini. on scale 1:4

### Resolution



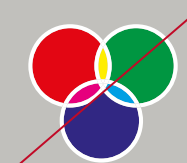
 NOT VALID !

## IMAGE COLORIMETRY



Cyan - Magenta - Yellow - Black

### RVB



### PANTONE



 NOT VALID !

## FILE BOARD SIZES

File's size (mm)	2150 x 970	2450 x 1240	3070 x 1240	3070 x 1320	4120 x 1510
Usable printing area* (mm)	2110 x 950	2410 x 1200	3030 x 1200	3030 x 1280	4080 x 1470

**N.B.:** Allow for bleed areas of 20 mm on each side of the board\*\*

\* usable area with the deduction of 20 mm bleed area. / \*\* except for the 2150 x 970 mm format.

## FILE NAMING RULES



- 1- Project name / *Compulsory*
- 2- Date / *Compulsory*
- 3- Panel naming (A, B, C) / *Optional*
- 4- Panel numbering (1, 2, 3) / *Optional*
- 5- Other useful info (ex: "fresco", "door", "table", "shelf"... / *Optional*
- 6- Valid file extension (.pdf, .eps, .tif...) / *Compulsory*

**Example:** Crèche-Alphabet-02072014-panneau-A2-Fresque.pdf



# DeSign it!

Signature

## 1. PREPARE YOUR HD FILES

- .eps, .pdf or .tif files in minimum 150 dpi..
- CMYK colorimetry.
- File format to panel dimensions.
- Naming files to locate them.

## 2. REQUEST A FREE PROTOTYPE

- One free prototype per project.
- Prototype produced to the actual scale required for the project.
- Prototype stage compulsory to guarantee a quality result.
- Must be approved in writing by the client before the production of Signature boards begins.
- **Prototype dispatched within a maximum lead time of 3 weeks from the receipt of the approval form and once the file has been validated.**

## 3. TAKE ADVANTAGE OF A PREMIUM SERVICE

- Signature Projects can be ordered from a minimum order quantity of 2 panels.
- Each Signature sheet order can be produced in a different designs.
- Verification of the conformity of the printing files to the Signature bill of specification by Polyrey within a 48 hour period.



**PRACTICAL INFO :** Think about using a file transfer site such as [www.wetransfer.com](http://www.wetransfer.com) (free file transfer up to 2Go) to transfer your high definition files.

polyrey

MORE THAN 70 YEARS EXPERIENCE AT YOUR SERVICE



We create for you.



# DeSign it!

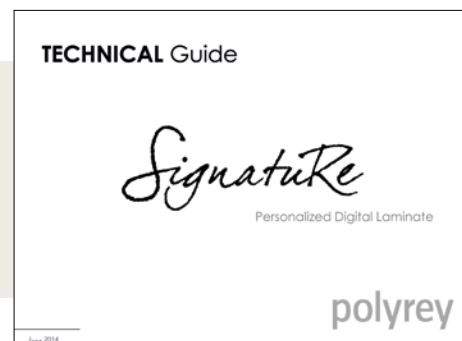
*Signature*

So you don't leave anything out...

## POINTS TO CHECK :

- ✓ The file is registered in a valid image format (pdf, eps, tif, ai, psd).
- ✓ The minimum image resolution is 150 dpi for an image on scale 1:1 (or 300 dpi on scale 1:4).
- ✓ The file is in CMYK.
- ✓ The file dimensions actually correspond to the available panel formats.
- ✓ The 20mm bleed areas have been taken into account in the file construction.
- ✓ The file is correctly named with the necessary information.

For more information, the Signature technical specification guidelines are available on request or downloadable on the website [www.polyrey.com](http://www.polyrey.com), in the downloads section. Supplied to your service provider in graphic design.



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polyrey.uk@polyrey.com

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polyrey.deutschland@polyrey.com

**NL**

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Tel. : +31 (0)20 708 31 31  
polyrey.benelux@polyrey.com

**BE**

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Tel. : +32 (0)2 753 09 09  
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**PT**

Para receber amostras  
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polyrey.iberica@polyrey.com

**IT**

Per ricevere dei campioni  
Tel. : +33 (0)5 53 73 56 87  
polyrey.export@polyrey.com

**SE**

För beställning av prover  
Tel. : +46 (0)8 471 71 00  
polyrey.export@polyrey.com

**Export - Other Countries**

To receive samples  
Tel. : +33 (0)5 53 73 56 88  
polyrey.export@polyrey.com

# Signature



www.polyrey.com