

REYSIPUR® Library – Compact HPL

PRODUCT DATA SHEET

1. MATERIAL DESCRIPTION AND COMPOSITION

REYSIPUR® Library are decorative high-pressure laminates (HPL) based on EN 438-4.

REYSIPUR® Library panels consist of layers of fibrous cellulose (usually papers) impregnated with thermosetting resins. The process, defined as the simultaneous application of heat (≥ 120 °C) and high specific pressure (≥ 5 MPa), enables the flowing and subsequent curing of the thermoset resins to obtain a homogeneous and non-porous material (density ≥ 1.35 g/cm³) with the required surface finish.

Basically, more than 60% of the REYSIPUR® Library consists of paper and the remaining 30 to approximately 40% consist of cured phenol-formaldehyde resin for core layers and melamine-formaldehyde resin for the decorative top layer.

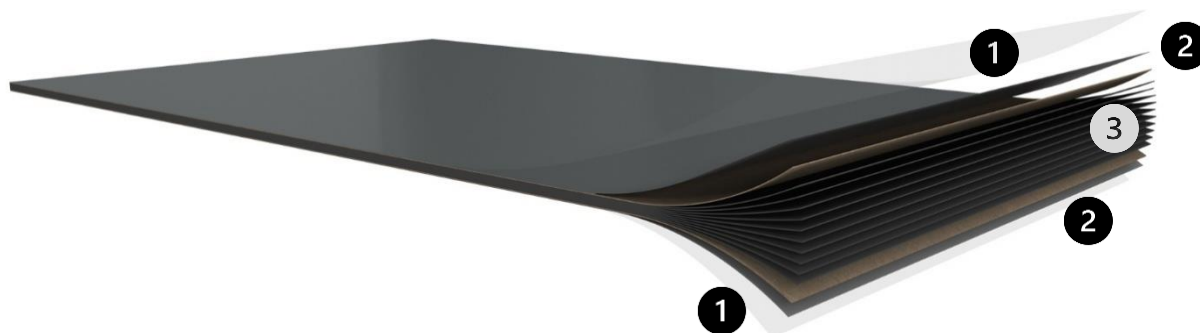
In contrast to standard REYSIPUR® panels with rotogravure paper, these panels are manufactured with digitally printed papers. The decors are printed in high resolution (300dpi) for high quality rendering.

REYSIPUR® Library uses a special process to integrate a printed image between the kraft core and the protective overlay. There are different technical properties due to this specific composition. They need to be considered for final application and processing.

REYSIPUR® Library is available in a variety of dimensions, thicknesses, and textures. The core is a phenolic dyed black standard core for Compact type CGS. If a fire-retardant Compact (type CGF) is required, the black dyed laminate core may be treated with a halogen-free additive.

This product data sheet covers the product REYSIPUR® Library (S) and REYSIPUR® Library flame-retardant (F).

REYSIPUR® Library benefits from antibacterial treatment (Silver borophosphate glass), complementary to cleaning and disinfection protocols. Antibacterial property contributes to surface hygiene by reducing microbial contamination.



- 1 Overlay, melamine resin impregnated
- 2 Decor paper, digitally printed paper / backside: identical digital printed paper or backer
- 3 Core paper (kraft paper), phenolic resin impregnated

2. FORMATS

Full details of the availability of decors in different formats are available on our website www.polyrey.com or in our infoGuide brochure.

3. AREAS OF APPLICATION

Table 1: Classification system and typical applications (source EN 438-3)

PERFORMANCE CATEGORY	FINISHES	NUMERICAL CLASSIFICATION INDEX NUMBERS			EQUIVALENT ALPHABETICAL CLASSIFICATION	EXAMPLES OF TYPICAL APPLICATIONS ¹
		Wear resistance (Revolutions)	Impact resistance (N)	Scratch resistance (Rating ²)		
High resistance to wear High resistance to impact High resistance to scratching	60 / EXM	(≥150)	Drop height: 1400 mm (2mm ≤ t < 6 mm); 1800 mm (6 mm ≤ t) diameter of indentation: <10mm	3	CGS (compact, grade general, propose, standard grade) CGF (compact grade, general purpose, flame-retardant grade)	kitchen and office worktops restaurant and hotel desks and tables doors and wall cladding in public spaces Interior walls claddings for public transport (Trains, buses) partitions Cubicles, Lockers Laboratory

From a thickness of ≥ 6 mm REYSIPUR® Library panels are self-supporting. In this case no additional substrate is needed.

REYSIPUR® Library are intended for interior use, for horizontal and vertical applications, in dry and limited wet areas of 18 to 25 °C and 40 to 65 % relative humidity, i.e. wall covering, partition, door, tabletop, countertop, kitchen front, kitchen worktop, splashback, sliding door etc.

In addition, it can also be used for cubicles, into private bathroom (individual housing, hotel, hospital room) and collective washroom with limited humidity (18 to 25°C and 40 to 65 % relative humidity) ie. sanitary facilities in office, retail, education, or public housing.

Applications in areas with increased moisture exposure, such as whirlpools, hammams, steam baths, sanitary and shower facilities in stadiums, swimming pools, or campsites must be avoided.

4. TECHNICAL DATA

4.1 TECHNICAL PROPERTIES ACCORDING TO EN 438-4

¹ The examples indicate typical applications of POLYREY REYSIPUR Library. The application of POLYREY REYSIPUR Library depends on several factors (e.g., temperature, relative humidity, change in climatic conditions, fasteners, fire behavior requirements, etc.). Therefore, the suitability of POLYREY REYSIPUR Signature Library for the respective application must be checked in advance.

² ≥ 90 % continuous double circle of scratch marks clearly visible, Rating 5 - > 6 N, Rating 4 - 6 N, Rating 3 - 4 N, Rating 2 - 2 N, Rating 1 - 1 N

Table 2: Technical properties according to EN 438-4

PROPERTY	TEST METHOD EN 438-2: 2016	UNIT	CGS	CGF
Physical properties, dimensions and tolerances				
Density	EN ISO 1183-1	g/cm ³	≥ 1,35	
Thickness	EN 438-2-5	mm		
		2.0 ≤ t < 3.0	± 0.20	
		3.0 ≤ t < 5.0	± 0.30	
		5.0 ≤ t < 8.0	± 0.40	
		8.0 ≤ t < 12.0	± 0.50	
		12.0 ≤ t < 16.0	± 0.60	
		16.0 ≤ t < 20.0	± 0.70	
		20.0 ≤ t < 25.0	± 0.80	
25.0 ≤ t	3			
Length and width	EN 438-2-6	mm	+ 10 / - 0	
Edge straightness	EN 438-2-7	mm/m	≤ 1,5	
Edge squareness	EN 438-2-8	mm/m	≤ 1,5	
Edge quality	EN 438-2-4		Edge chipping up to 3 mm on each side is permissible	
Flatness	EN 438-2-9	mm/m		
		2.0 ≤ t < 6.0	≤ 8.0	
		8.0 ≤ t < 10.0	≤ 5.0	
		10.0 ≤ t	≤ 3.0	
Dimensional stability at elevated temperature	EN 438-2-17	2mm ≤ t < 5mm		
		Longitudinal %	≤ 0.40	
		Transverse %	≤ 0.80	
		t ≥ 5mm		
Longitudinal %	≤ 0.30			
Transverse %	≤ 0.60			
Mechanical properties				
Resistance to immersion in boiling water	EN 438-2-12	Mass increase %		
		2mm ≤ t < 5mm	≤ 5.0	≤ 7.0
		t ≥ 5mm	≤ 2.0	≤ 3.0
		Thickness increase %		
2mm ≤ t < 5mm	≤ 6.0	≤ 9.0		
t ≥ 5mm	≤ 2.0	≤ 6.0		
Surface rating ⁴		≥ 1 ⁶	≥ 1 ⁶	
Edge rating ⁵		≥ 3	≥ 3	

³ To be agreed between supplier and customer

⁴ Rating 5 – no visible change; Rating 4 – slight change of gloss and/or colour, only visible at certain viewing angles; Rating 3 – moderate change of gloss and/or colour; Rating 2 – marked change of gloss and/or colour or surface blistering; Rating 1 – Surface layers delamination.

⁵ Rating 5 – no visible change, Rating 4 – slight hairline edge cracks visible to the naked eyes, Rating 3 – moderate edge cracks, Rating 2 – severe edge cracks, Rating 1 – core layers delamination

⁶ Properties with values below 3 do not meet the minimum requirements of EN 438. In extreme moisture conditions, bubbles can form on the surface. Please note the recommendations for use and cleaning.

PROPERTY	TEST METHOD EN 438-2: 2016	UNIT	CGS	CGF
Resistance to impact by large-diameter ball	EN 438-2-21	Drop height mm 2mm ≤ t < 6mm 6mm ≤ t	≤ 1400 ≤ 1800	
		Indent diameter mm	≤ 10	
Resistance to crazing	EN 438-2-24	Rating ⁷ Appearance t ≤ 20 mm		≥ 4 ⁸
Flexural modulus	EN ISO 178	MPa Longitudinal Transverse	≥ 9000 ≥ 9000	
Flexural strength		MPa Longitudinal Transverse	≥ 80 ≥ 80	
Surface properties				
Dirts, spots, etc. Fibers, hairs, scratches	EN 438-2-4	mm ² /m ² mm/m ²	≤ 1,0 ≤ 10	
Resistance to surface wear	EN 438-2-10	Revolutions Initial Point (IP)		≥ 150
Resistance to water vapour	EN 438-2-14	Rating ⁴		≥ 1 ⁹
Resistance to dry heat (160 °C)	EN 438-2-16	Rating ⁴		≥ 4
Resistance to wet heat (100 °C)	EN 438-2-18	Rating ⁴		≥ 4
Resistance to scratching	EN 438-2-25	Rating ² Smooth finishes other finishes		≥ 2 ≥ 3
		Rating ⁴ Groups 1 & 2 Group 3		5 ≥ 4
Light fastness (xenon arc)	EN 438-2-27	Grey scale rating		4 – 5
Fire behaviour				
Fire behaviour ¹⁰ (Building construction)	EN 13501-1	Building material class 3mm ≤ t < 6mm		B-s1, d0 (glued on substrate)
		t ≥ 6 mm	D-s2, d0 (CWFT ¹¹)	B-s1, d0
		t ≥ 8 mm	C-s1, d0	
Calorific value	EN ISO 1716	MJ/kg		18–20

CGS: C (Compact grade), G (General purpose), S (Standard grade)
CGF: C (Compact grade), G (General purpose), F (Flame retardant grade)

Additional information regarding product quality is also available on our website www.polyrey.com.

⁷ Rating 5 – Surfaces and edges unchanged from 'as received' condition, Rating 4 – Surfaces unchanged with slight hairline edge cracks visible to the naked eye, Rating 3 – Surface cracks visible to the naked eye and/or moderate edge cracks, Surface 2 – Moderate surface cracks and/or severe edge cracks, Rating 1 – Severe cracks and/or delamination.

⁸ Thickness t > 20 mm: rating < 4

⁹ Properties with values below 4 do not meet the minimum requirements of EN 438. In extreme moisture conditions, bubbles can appear on the surface. Please note the recommendations for use and cleaning.

¹⁰ Consider details (e.g., Classification report, Official Journal of the European Union); e.g., validity in combination with substrate, adhesive system

¹¹ CWFT-Certified without further testing – see Official Journal European Union

4.2 ADDITIONAL TECHNICAL PROPERTIES AND SAFETY INFORMATION

Table 3: Additional technical properties

PROPERTY	DESCRIPTION
Physical and chemical properties	
Physical state	Solid
Solubility	Insoluble in water, oil, methanol, diethyl ether, n-octanol, acetone
Boiling point	None
Evaporation rate	None
Melting point	REYSIPUR® Library does not melt
Calorific value	18–20 MJ/kg
Heavy metals	REYSIPUR® Library panels contain no toxic compounds based on antimony, barium, cadmium, chromium III, chromium VI, lead, mercury, selenium
Bisphenol A (BPA)	REYSIPUR® Library contains no components
Asbestos	REYSIPUR® Library contains no components
Pentachlorophenol (PCP)	REYSIPUR® Library contains no components
RoHS	REYSIPUR® Library meets the requirements of EU guidelines 2011/65, 2015/863 RoHS (Restriction of Hazardous Substances). REYSIPUR® Library Premium contains none of the following restricted substances: lead, mercury, cadmium, chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ether (PBDE), pentabromodiphenyl ether (PentaBDE), octabromodiphenyl ether (OctaBDE), Bis (2-ethylhexyl)phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), diisobutyl phthalate (DIBP)
BPR – Biocidal Product Regulation	REYSIPUR® Library complies with Biocidal Regulation EU No. 528/2012
Safety data sheet	REYSIPUR® Library panels are not hazardous substances within the meaning of the Chemicals Act / no special labeling or safety data sheet is required.
Stability and reactivity information	
Stability	REYSIPUR® Library panels are stable and durable; it is neither reactive nor corrosive
Hazardous/dangerous reactions	None
Incompatibility	Strong acids or alkaline solutions may damage the surface
Fire and explosion protection data	
Ignition temperature	approx. 400 °C
Flashpoint	None
Thermal decomposition	Possible above 250 °C. Toxic gases (e.g. carbon monoxide, ammonia) may arise depending on the fire conditions (temperature, oxygen content, etc.)
Flammability	REYSIPUR® Library panels are classified as non-flammable. It only burns in real fires in which open flames are present.
Extinguishing agent	Class A
Explosion hazards	Dust class ST-1
Explosion limits	Maximum dust concentration 60 mg/m ³
Electrostatic behaviour	It minimizes the generation of charges due to contact separation or friction with another material. It does not need to be grounded. The surface resistance is between 10 ⁹ -10 ¹² Ohm and the chargeability is V < 2 kV according to EN 61340-4-1, making REYSIPUR® Library an antistatic material.

5. CERTIFICATIONS AND TESTS

Table 4: Certifications and test reports

PROPERTY	TEST METHOD	UNIT	CGS	CGF
Fire behaviour ¹⁰ (Building construction)	EN 13501-1	Building material class 3mm ≤ t < 6mm t ≥ 6 mm t ≥ 8 mm	D-s2, d0 (CWFT ^{Error!} Bookmark not defined.) C-s1, d0	B-s1, d0 (glued on substrate) B-s1, d0
Fire behaviour ¹⁰ CGS (Transportation/ motor vehicle)	ECE R1118 annex 6, 7 & 8		2mm – ≤ 6mm	
Formaldehyde Emission	EN 16516	Classification	E1 (≤ 0.1 ppm)	
Emission VOC (Volatile organic compounds)	ISO 16000-9	Emission class according to French regulation (Décret no 2011-321)	A (scenario wall) A+ (scenario door)	
	UL 2818	Labeling	Greenguard Gold	
Declaration of harmlessness food safe	EN 1186 / 13130 / CEN/TS 14234	Contact with food	Approved	
Environmental product declaration (EPD/FDES) ¹²	ISO 14025 / EN 15804	Available	Yes	
Antibacterial effect	JIS Z 2801/ISO 22196	Reduction in %	99.9	
Allergy-friendly products	ECARF quality label	Allergy friendly Certification	ECARF – certificate allergy friendly quality confirmed	
PEFC ¹³		Certification	Upon request	
FSC® ¹⁴		Certification	Upon request	

¹² Environmental product declaration on INIES, IBU and Ecoplatform data basis

¹³ Please specify with your order / PEFC – Licence number: PEFC/10-34-97

¹⁴ Please specify with your order / FSC® – Licence number: FSC® C068151

6. TRANSPORT AND STORAGE

REYSIPUR® Library panels must be transported and stored flat, horizontal, with full-surface contact and on a sufficiently large pallet.

REYSIPUR® Library panels are not dangerous goods as defined by transport regulations, therefore labeling is not required.

Panels must be stored in a closed storage area under normal indoor conditions (10–30 °C and 40–65 % relative humidity), and protected against moisture and mechanical damage, with suitable protection. The protection placed on top of the pallet must be maintained whenever panels are removed from the stack. If the panels are stored for a long period of time, ensure flat storage, and place a panel on top to weigh on the laminates, otherwise the panels may warp or deform. In case of vertical storage, we recommend an inclined position at 80° with full-surface support and a counter bearing on the floor to prevent slipping.

7. HANDLING AND MACHINING

Before starting, please inspect the product for damage and defects between panels prior to cutting or installation (including color and texture) and ensure that the production direction is considered. The product direction has an influence on the dimensional change as well as on mechanical strength and can have an influence on the appearance due to the reflection of light.

The production process used for REYSIPUR® Library products may result in minor colour differences between production, production batches and samples.

Due to the product-specific differences in production technologies (e.g., POLYREY HPL®, REYSIPUR®, MONOCHROM® or PANOPREY® etc.), even identical decor, structure or core board combinations can result in slight optical and tactile deviations across different product groups and formats. A consistent core colour cannot be guaranteed for the product POLYREY®

Compact panels (CGS/CGF).

The usual safety regulations regarding dust removal and fire protection must be observed when processing REYSIPUR® Library panels. Due to possible sharp edges, protective gloves should always be worn when handling REYSIPUR® Library panels. Contact with dust does not cause any issues; nevertheless, there are a limited number of people who may have an allergic reaction to processing dust of all kinds (and therefore also to Compact dust).

REYSIPUR® Library panels are wood/cellulose-based products, so the dimensions constantly adapt to the climatic environmental conditions. The product can be easily processed with woodworking machines. It is advisable to carry out a test processing in advance. For a suitable tool recommendation of your individual machining please contact the tool manufacturer directly.

When cutting REYSIPUR® Library panels, a distinction must be made between decors "with repeat" and "without repeat". The panels that have a decor "without pattern repeat" have a decor that extends over the entire board. Cutting can be carried out in the same way as usual with plain or printed decors (stone or wood decors).

REYSIPUR® Library panels that have a decor "with repeat" have a decor that, due to the repetition, offers the possibility of reproducing the decor across the entire application width without interrupting the pattern. For these decors, the paragraphs 7.1 to 7.3 must be considered regarding cutting and joining the panels:

7.1 COMPACT PANELS WITH REPEATABLE DECORS ON BOTH SIDES

For REYSIPUR® Library panels, which have a decor “with repeat” on both sides, it is important to consider that the decors are not completely parallel to each other. This means that the cutting marks on the front and back side are also slightly offset.

To ensure a harmonious overall appearance, we recommend focusing on one side only when cutting. The reverse side may show slight variations, which should be taken into account during the planning stage.

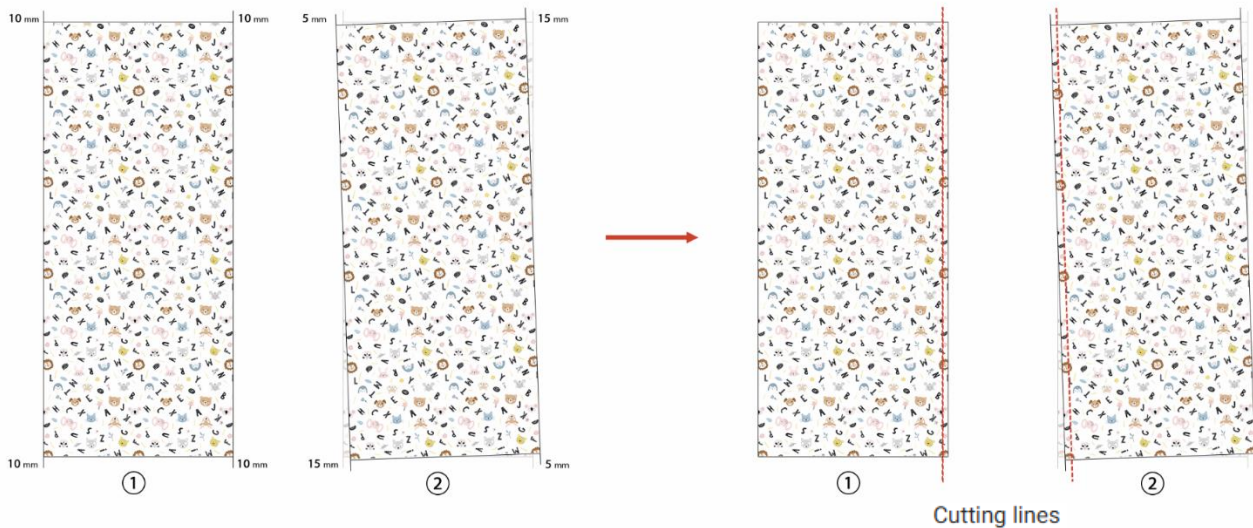
7.2 REPEATABLE DECORS WITH BLEED AREA

It should be considered that the usable width does not correspond to the nominal dimension.

This results from the nominal dimension minus the bleed area of 20 mm.

In addition, manufacturing tolerances of ± 5 mm in length and ± 3 mm in width can lead to variations in the useful image size. Furthermore, the panels may have a squareness tolerance of up to 1,5 mm/m. Therefore, the printed image may not be parallel to the edges of the panel and centred on the inside.

For Panels with repeating decors, it is particularly important that the individual panels can be precisely aligned with each other to achieve a harmonious overall appearance. For this reason, the corresponding print files contain a bleed area of 10 millimetres on each side. This additional print area provides the fabricators with sufficient space when cutting and makes it easier to adjust the panels precisely. The bleed area is a duplicated area of the actual decor and is necessary to ensure a clean and visually appealing connection between two panels. The effective width of the bleed can vary by up to ± 5 millimetres.

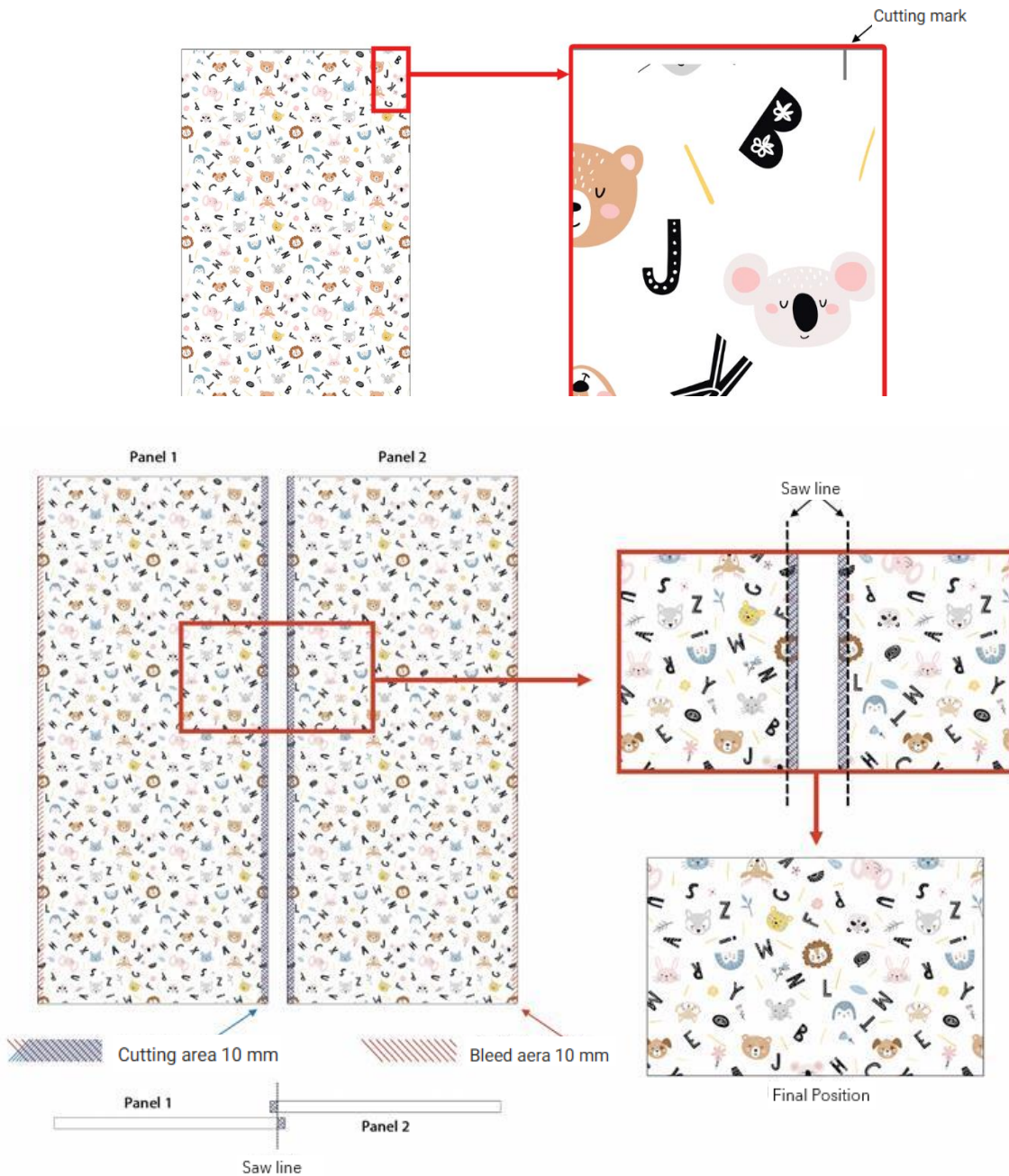


7.3 CUTTING AND JOINTING PANELS WITH REPEATABLE DECORS

The panels have cutting marks (approx. 30 x 1 mm) in all 4 corners. These provide the fabricator with a rough indication for cutting. The exact transitions of the decors must be checked before cutting by placing the panels to be joined side by side. If the joint is not precise, the panels to be joined must be shifted until an exact match is found. This joint is then marked on the panels and the panels are cut according to this marking in line with the processing guidelines. After cutting, the accuracy of the decor alignment at the panel joint must be checked again.

To achieve a continuous decorative pattern without interruption across the entire installation width, the panels must be laid starting in the middle of the installation area. With this approach, the width of the panels at both ends may need to be reduced to ensure symmetrical direction.

If necessary, single panels can also be cut to the desired size by trimming the height and width.



7.4 CONDITIONING

REYSIPUR® Library panels must be conditioned on a flat surface before processing (≥ 3 days). A good conditioning is achieved in a moderate interior climate (18-25 °C and 40-65 % relative humidity). These conditions are also recommended for the location where the product will be used later.

If REYSIPUR® Library panels will be exposed to consistently low or high humidity during its subsequent use, it is advisable to expose REYSIPUR® Library panels to a correspondingly low or high level of humidity or increased temperature during conditioning.

More information on the handling and machining of REYSIPUR® Library can be found in the HPL Compendium of ICDLI.

8. CLEANING AND CARE

REYSIPUR® Library surfaces do not require special care due to their homogenic and resistant surface, even too many substances/chemicals (see Chemical resistance data sheet). Surfaces and edges require no further treatment (e.g., with lacquers, paints, oils, waxes etc.), as they are neither corrosive nor oxidized.

For residue-free cleaning of REYSIPUR® Library surfaces, these four steps must be followed:

- 01 Choose the appropriate cleaning aids (cloth/sponge/brush) – depending on the structure
Choose the appropriate cleaning agent/solvent – depending on dirt residues.
- 02 Cleaning of the surface with the appropriate cleaning aids and cleaning agents/solvents.
- 03 Rinse of all cleaning agent/solvent with warm water.
- 04 Dry the surface with a soft cloth after cleaning.

Clean the entire surface without too much “pressure” to avoid polish marks.

Especially matt textures/structures of POLYREY HPL ® Library, it’s important to regularly clean the surface according to the above instruction and clean with warm water to avoid the accumulation of dirt and residue of cleaning agent/solvent into the tight structure folding.

In case of stubborn stains and soiling which lay in the depth of the texture/structure, the dirt can be removed with the help of microfiber cloth. Other stubborn stains (e.g., varnish) can be removed with organic solvents (e.g., ethanol, isopropanol, etc.).

Abrasive cleaning aids (e.g., scouring powder, steel wool) must not be used, as these alter the surfaces. At the beginning carry out cleaning tests with each cleaning agent/solvent on non-visible areas.

Strongly staining substances (e.g. wine, coffee, tea, mustard, curcuma etc.) may leave slight stains on the surface of REYSIPUR® Library panels. To avoid permanent staining these stains must be removed immediately.

The visual perception of traces of daily use (e.g., gloss deviations, dirt, and grease stains etc.) are influenced by the decor and surface texture. The traces of use are more visible on smooth surfaces and become even more visible in combination with dark decors.

For horizontal applications involving contact with water, ensure that standing water is not allowed to remain on the surface for long periods of time.

For further information, please refer to the Care Manual available at www.polyrey.com.

9. SUSTAINABILITY AND ENVIRONMENT

Polyrey is certified according to EN ISO 14001 and EN ISO 50001.

REYSIPUR® Library panels are cured, and therefore inert, duroplast. The release of formaldehyde from REYSIPUR® Library (≤ 0.05 ppm in testing according to EN 16516) are far below the legally permissible level (≤ 0.1 ppm regard to German Chemikalienverbotsverordnung)).

Furthermore, the emissions of volatile organic compounds (VOC) are so low that, depending on the test scenario, the following classification according to the French VOC regulation has been given by Eurofins test report:

Class A+ (with the test scenario for small areas (e.g., doors)
with a loading factor of $0.05 \text{ m}^2 / \text{m}^3$)

Class A (with the test scenario for walls with a loading factor of $1.0 \text{ m}^2/\text{m}^3$)

REYSIPUR® Library is **GREENGUARD GOLD** certified according UL2818 standard.

REYSIPUR® Library can come into direct contact with all foods and can safely be used as intended in food processing.

Individual Environmental Product Declaration (EPD) are available. Using clearly defined parameters, it provides quantitative, verified, and objective information about the effects of HPL on the environment and could be used for sustainable building certification. (e.g., LEED, BREEAM). The entire lifecycle of HPL (raw material extraction, production, transport, use, disposal) is taken into consideration.

REYSIPUR® Library panels can be offered as a PEFC or FSC® certified product on request. In addition, all the paper used (core paper and decorative paper) come from uncontroversial or controlled sources and meets the requirements of EUTR Regulation (EU) No. 995/2010.

REYSIPUR® Library panels are articles and not a chemical substance, therefore the REACH regulation is not applicable. However, it is important to ensure the exchange of information between Polyrey and the raw material suppliers regarding REACH-relevant components (for more information, please refer to the REACH statement). We hereby confirm that no substance from the Candidate List is used in our above-mentioned product in a quantity requiring information ($\geq 0,1\%$ w/w) and that we comply with the requirements of Annexes XIV and XVII of the REACH Regulation.

10. DISPOSAL AND ENERGY RECOVERY

REYSIPUR® Library panels can be disposed of at controlled waste disposal facilities (e.g., landfills) that comply with the applicable national and regional regulations. According to the European Waste List Regulation, HPL/Compact waste is classified with code 030105 (wood wastes) or 200301 (mixed municipal waste).

REYSIPUR® Library panels are particularly suitable for thermal recycling due to its high calorific value (18–20 MJ/kg). During complete combustion at 700 °C, the boards burn to form water, carbon dioxide and nitrogen oxides.

The information in this sales brochure is reliable and is intended to inform users of POLYREY's products about the essential properties of these products. However, POLYREY cannot guarantee that the information is exhaustive. The information given may be modified at any time due to developments in technical characteristics or product ranges and, more generally, any changes in the standards, laws and regulations that apply to the products. Users of POLYREY's products should obtain information on the suitability of the products for their intended use from POLYREY's official professional resellers or directly from POLYREY. For further information, product users are invited to consult the brochures, certificates, technical data sheets, usage advice and maintenance sheets on POLYREY.com. POLYREY accepts no responsibility for the misuse of the information contained in this brochure. The information contained in this sales brochure only concerns the products shown and should not be used for any purpose other than that stated in the brochure. Users of the products must respect the precautions for use and maintenance of the products. POLYREY declines all responsibility for uses that do not comply with these precautions. Clients should always check the terms and conditions that apply to the intended sales, which are always subject to POLYREY's general terms and conditions of sale available on polyrey.com