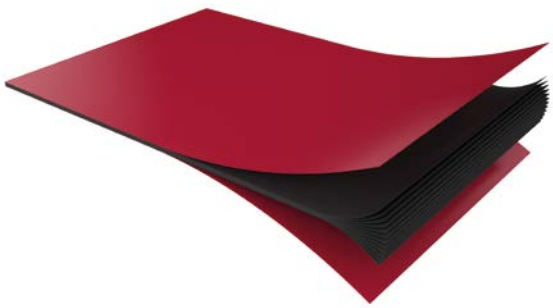
polyrey®

Fiche Technique
Technical Datasheet

STRATIFIÉ COMPACT HPL

REYSIPUR®

COMPACT HIGH PRESSURE LAMINATE



HYGIÈNE - *HYGIENIC*

Nettoyage facile
Easy to clean

Apte au contact alimentaire
Suitable for food contact

Antibactérien
Antibacterial

Imputrescible
Rotproof

RÉSISTANCE - *RESISTANT TO*

Abrasion
Abrasion

Chocs
Impact

Chaleur jusqu'à 180 °C
Heat up to 180 °C

Usinable dans la masse
Machinable throughout its thickness

Fissuration
Cracking

Produits chimiques
Chemical products

Rayures
Scratches

Lumière artificielle
Artificial light

MATIÈRE DENSE & POLYVALENTE

Panneau stratifié épais sans traitement des chants

- Adapté aux environnements fortement sollicités, y compris dans les lieux humides
- Convient pour des applications horizontales et verticales
- Matière idéale pour la réalisation de gravures
- S'utilise sans recouvrement des chants
- Parmi les décors Reysipur®, une sélection est adaptée pour une application en mobilier extérieur (nous consulter).
- 2 faces décoratives
- Qualité ignifuge (≥ 6 mm) : B-s1,d0 (sur demande)
- ≥ 12 mm : ignifige par nature, sans surcout, B-s1,d0
- Nettoyage rapide et facile (surface non poreuse)
- Cintrable (≤ 8 mm)
- Autoportant (≥ 8 mm)
- Fiche technique REYSIPUR® TOUCH disponible sur www.polyrey.com

DENSE & MULTI-PURPOSE MATERIAL

Thick laminate panel with no edge treatment

- *Ideal for use in heavy-duty environments, including damp environments*
- *Suitable for horizontal and vertical applications*
- *Ideal material for engravings*
- *Can be used without covering the edges*
- *Among the Reysipur® decors, a selection is adapted to outdoor furniture (please contact us).*
- *Decorative on both sides*
- *Fire retardant grade (≥ 6 mm) : B-s1,d0 (on request)*
- *≥ 12 mm : inherently fire retardant, no extra cost, B-s1,d0*
- *Quick and easy to clean (non-porous surface)*
- *Bendable (≤ 8 mm)*
- *Self-supporting (≥ 8 mm)*
- *Data sheet REYSIPUR® TOUCH available on www.polyrey.com*

SPÉCIFICATIONS

FORMATS (cm) : 215 × 97 • 307 × 124 • 307 × 132
Formats Cabines (cm) :
260 × 193 • 260 × 205 • 366 × 151 • 412 × 151

ÉPAISSEURS (mm) : 4 • 6 • 8 • 10 • 12,5
Exclusif Cabines : 13 • 13,8

NOYAU : Noir

QUALITÉ : Standard, Ignifuge

APPLICATIONS : Habillage mural, mobilier, casier, crédence, table, plan de travail, cabine, mobilier extérieur et aménagements urbains

SPECIFICATIONS

SIZES (cm): 215 × 97 • 307 × 124 • 307 × 132
Cubicles Sizes (cm):
260 × 193 • 260 × 205 • 366 × 151 • 412 × 151

THICKNESSES (mm): 4 • 6 • 8 • 10 • 12,5
Exclusive Cubicles: 13 • 13,8

CORE : *Black*

GRADES: *Standard, Fire retardant*

APPLICATIONS: *Wall cladding, furniture, lockers, splashback, table, worktop, cubicle, outdoor furniture and urban development*

Porte / Doors

Mural / Wall Cladding

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C)

ÉMISSIONS DANS L'AIR INTÉRIEUR A (A+ A B C)

ANTIBACTERIEN ANTIBACTERIAL

PEFC 10-34-97 *

FSC www.fsc.org FSC® C068151 The mark of responsible forestry *

LOW FORMALDEHYDE EMISSION E1

EUROPEAN STANDARD EN 14322 CONFORM

GREENGUARD GOLD

Allergy-friendly Quality Tested ECARF www.ecarf-siegel.org

Consultez nos passeports environnementaux, fiches d'entretien ou de mise en œuvre et certificats sur www.polyrey.com
* Tous tous nos produits peuvent être certifiés PEFC (PEFC/10-34-97) ou FSC® (C068151) sur demande, garantie que le bois et les matières premières utilisés proviennent de forêts gérées durablement et de sources contrôlées (Selon certification de nos approvisionnements, dans la limite des stocks disponibles).

Consult our environmental passports, maintenance or implementation sheets, and certificates on www.polyrey.com
** All our products can be either PEFC (PEFC/10-34-97) or FSC® (C068151) certified on request, guaranteeing that the wood and raw materials used come from sustainably managed forests and controlled sources (Depending on the certification of our suppliers, while stocks last).*

REYSIPUR® - Compact HPL
PRODUCT DATA SHEET

1. MATERIAL DESCRIPTION AND COMPOSITION

REYSIPUR® HPL is a decorative high-pressure laminate (HPL) for interior fittings and furniture* according to EN 438-4 and ISO 4586.

REYSIPUR® consists of layers of fibrous cellulose (usually paper) impregnated with thermosetting synthetic resins that cure under heat and high pressure. The process, defined as a simultaneous application of heat and high specific pressure, provides flowing and subsequent curing of the thermosetting resins to obtain a homogenous non-porous material with the required surface finish.

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

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

This product data sheet covers the product Polyrey Compact standard (S), and flame-retardant (F).

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

1 Decor paper/overlay, melamine resin impregnated
2 Core paper (kraft paper), phenol resin impregnated

* Outdoor furniture – only applicable for a selection of decor – see Outdoor furniture brochure

2. FORMATS

- 215 x 97 cm
- 307 x 124 cm
- 307 x 132 cm
- 260 x 193 cm (Cubicle Range)
- 260 x 205 cm (Cubicle Range)
- 366 x 151 cm (Cubicle Range)
- 412 x 151 cm (Cubicle Range)

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 EN438-4)

PERFORMANCE CATEGORY	FINISHES	NUMERICAL CLASSIFICATION INDEX NUMBERS			EQUIVALENT ALPHABETICAL CLASSIFICATION	EXAMPLES OF TYPICAL APPLICATIONS (1)
		Wear resistance (Revolutions)	Impact resistance (max. diameter of indentation)	Scratch resistance		
High resistance to surface high resistance to impact high resistance to scratching	All	≥150	Drop height: 1400 mm (2mm ≤ t <6 mm); 1800 mm (6 mm ≤ t) diameter of indentation: <10mm	3 (all finishes ≥3 except Bri HG, EXM, ALG ≥2)	CGS (compact, grade general, propose, standard grade) CGF (compact grade, general purpose, flame-retardant grade	Interior fitting and furniture : kitchen and office worktops restaurant and hotel desks doors and wall cladding in public spaces Interior wall claddings for public transport (Trains, buses) Partitions Cubicles, Lockers Laboratory Self-supporting components in construction (t ≥ 8 mm) Outdoor furniture – only applicable for a selection of decor – see Outdoor furniture brochure

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

From a thickness of ≥ 8 mm POLYREY Compact panels are self-supporting. In this case no additional substrate is needed.

For applications in damp environments, Compact panels are not resistant to continuous exposure to moisture, and must be able to dry continuously. Otherwise, surface blistering may occur.

In addition, certain surface finishes require special conditions of application and use.
Always refer to §8 Cleaning and care.
For example, matt surfaces combined with dark decors can leave visible marks and are more sensitive to soiling: light decors are recommended for intensive applications.
Particular attention should be paid to matt and textured surfaces: Alloy, Extramat, Roche. The usual surface alterations will be more visible, such as micro-scratches and variations in gloss, and accentuated in combination with dark decors.
Note - Noir ROCHE : repeated rubbing of its surface can produce visible changes, including a whitened appearance, discoloration and polished peaks.
The product retains its normative technical characteristics.

4. TECHNICAL DATA

4.1. TECHNICAL PROPERTIES ACCORDING TO EN 438-4

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/cm³	≥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 ± 0.80	
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 % Transverse % t <5mm Longitudinal % Transverse %	≤0.40 ≤0.80 ≤0.30 ≤0.60	

PROPERTY	TEST METHOD EN 438-2: 2016	UNIT	CGS	CGF
Mechanical properties				
Resistance to immersion in boiling water	EN 438-2-12	Mass increase % 2mm≤ t <5mm t <5mm Thickness increase % 2mm≤ t <5mm t <5mm Rating (1) Glossy surfaces Other surfaces	 5.0 2.0 6.0 2.0 3 4	 7.0 3.0 9.0 6.0 3 4
Resistance to impact by large-diameter ball	EN 438-2-21	Drop height mm 2mm≤ t <6mm 6mm≤ t Indent diameter mm	 ≤1400 ≤1800 ≤10	
Resistance to crazing	EN 438-2-24	Rating (2)	≥4	
Flexural modulus Flexural strength	EN ISO 178	MPa Longitudinal Transverse MPa Longitudinal Transverse	 ≥9000 ≥9000 ≥80 ≥80	
Surface properties				
Dirt, spots and similar surface defects Fibers, hairs and scratches	EN 438-2-4	mm²/m² mm/m²	≤1,0 ≤10	
Resistance to surface wear	EN 438-2-10	Number of revolutions Initial abrasion point	≥150	
Resistance to water vapor	EN 438-2-14	Rating (1) Glossy surfaces Other surfaces	 ≥3 ≥4	
Resistance to dry heat (180 °C)	EN 438-2-16	Rating (1) Glossy surfaces Other surfaces	 ≥3 ≥4	
Resistance to wet heat (100 °C)	EN 438-2-18	Rating (1) Glossy surfaces Other surfaces	 ≥3 ≥4	
Resistance to scratching	EN 438-2-25	Rating (3) BRI HG, EXM Other surfaces	 ≥2 ≥3	
Resistance to staining	EN 438-2-26	Rating (1) Group 1 and 2 Group 3	 5 ≥4	
Light fastness (xenon arc)	EN 438-2-27	Grey scale rating	4 to 5	
Surface properties - only applicable for outdoor furniture selection(4)				
Surface resistance to 1500 h accelerated ageing (4) - Contrast - Appearance	EN 438-2-29	 Grey scale rating Class	 ≥3 ≥3	

CGS/CGF: C (compact grade), G (general purpose), S (standard grade), F (flame-retardant grade)

(1) Rating 5: no change, Rating 4: slight change visible at certain viewing angles, Rating 3: moderate change, Rating 2: marked change or surface blistering, Rating 1: Surface layers delamination
(2) Rating 5: No cracking; Rating 4: Hairline cracks; Rating 3: Cracks visible; Rating 2: Severe cracks; Rating 1: Delamination.
(3) ≥ 90% continuous double circle of scratch marks clearly visible, Rating 1: 1N, Rating 2: 2N, Rating 3: 4N, Rating 4: 6N, Rating 5: > 6N
(4) Over the years, rain, temperature fluctuations, organic substances and dirt may lead to a natural discoloration of the decors. This natural aging (incl. discoloration) and the wear of Polyrey Compact do not constitute grounds for complaint. Please refer to Outdoor Furniture brochure.

Additional information regarding product quality (standard/flame-retardant) is also available on our website www.polyrey.com

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® does not melt
Calorific value	18–20 MJ/kg
Heavy metals	REYSIPUR® contains no toxic compounds based on Antimony, barium, cadmium, chromium III, chromium VI, lead, mercury, selenium
Bisphenol A (BPA)	REYSIPUR® contains no components
Asbestos	REYSIPUR® contains no components
Pentachlorphenol (PCP)	REYSIPUR® contains no components
RoHS	REYSIPUR® meets the requirements of EU guidelines 2011/65, 2015/863 RoHS (Restriction of Hazardous Substances). REYSIPUR® 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® complies with Biocidal Regulation EU Nr. 528/2012
Safety data sheet	REYSIPUR® boards are not hazardous substances within the meaning of the Chemicals Act / no special labelling or safety data sheet is required
Stability and reactivity information	
Stability	REYSIPUR® is 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, carbon dioxide, ammonia) may arise depending on the fire conditions (temperature, oxygen content, etc.)
Smoke and toxicity	Compact can be used in areas where smoke and toxicity is controlled (e.g., railway construction)
Flammability	REYSIPUR® is classified as non-flammable. It only burns in real fires in which open flames are present.
Extiguishing agent	Class A
Explosion hazards	Dust class ST-1
Explosion limits	Maximum dust concentration 60mg/m³
Electrostatic behavior	It mimimizes the generation of charge by contact-separation or rubbing with another material. It does not need to be earthed. Surface resistivity is between 10^9-10^{12} ohms and a chargeability of V < 2 kV according to DIN EN 61340-4-1 is V < 2 kV. Thus, HPL is an antistatic material.

5. CERTIFICATIONS AND TESTS

Table 4 Certifications and test reports

PROPERTY	TEST METHOD	UNIT	CGS	CGF
Fire behavior [1] 3 ≤ t < 6mm	EN 13501-1	Building material class	D-s2, d0 (glued on susbstrate) (CWFT [2])	B-s1, d0 (glued on susbstrate)
Fire behavior [1] t ≥6mm	EN 13501-1	Building material class	6 mm : D-s2, d0 (CWFT [2]) ≥ 8 mm : C-s1,d0 ≥ 12 mm : B-s1,d0	B-s1, d0
Fire behavior Transportation trains	EN 45545-2	Class	-	2mm≤ t ≤20mm HL 2
Fire behavior Transportation motor vehicle	ECE R118 annex 7 & 8		CGS 2mm – ≤6 mm Pass	-
Emission VOC (Volatile organic compounds)	ISO 16000-9	Emission class according to French regulation (Décret no 2011-321)	A (scenario wall) A+ (scenario door)	
Emission VOC (Volatile organic compounds) Emission Formaldehyde	UL 2818	Labelling	Greenguard Gold	
	EN 16516	Classification	E1 (≤0.1 ppm)	
Declaration of harmlessness Food Safe	DIN EN 1186 / 13130 / CEN/TS 14234	Contact with food	Yes	
Environmental product declaration (EPD/FDES) [3]	ISO 14025 / DIN EN 15804	Available	Yes	
Antibacterial effect	JIS Z 2801/ISO 22196	Reduction in %	99.9	
PEFC [4]		Certification	Upon request	
FSC® [4]		Certification	Upon request	

(1) Consider details (e.g., Classification report, Official Journal of the European Union); e.g., validity in combination with substrate, adhesive system
(2) CWFT-Certified without further testing – see Official Journal European Union
(3) Environmental product declaration on INIES, IBU and Ecoplatform data basis
(4) Please specify with your order

6. STORAGE AND TRANSPORT

REYSIPUR® must be transported and stored flat, horizontal, with full-surface contact and on a sufficiently large pallet.
REYSIPUR® 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 degrees with full-surface support and a counter bearing on the floor to prevent slipping.

The panels can be delivered with protective film in order to ensure a temporary protection during transport, storage and handling.
If the film remains on the surface during processing, it is the processor's responsibility to perform preliminary machinability. This does not dispense the customer in any way from a prior incoming goods inspection.
The protective film must be removed no later than six months after delivery.
The protective film must be removed simultaneously on both sides.

7. HANDLING AND MACHINING

Before processing, please check the product for damage and visual defects. In order to guarantee the final appearance of our products, it is also imperative to check the color and appearance of the panels in relation to each other (decor/texture). However, slight deviations in decor and texture are inherent to the production process and must be accepted.
Also check that the direction of production is taken into account (sanding direction). The direction of production has an influence on dimensional variation, as well as on mechanical strength and appearance due to light reflection.
Due to the different production technologies used for each product (e.g.. POLYREY HPL®, REYSIPUR®, PANOPREY® and MONOCHROM®), there may be slight visual and tactile differences between different product types and formats, even for identical decor/structure combinations.

The REYSIPUR® core may vary in color and homogeneity between different production batches and within the same batch. In the fire-retardant version, the REYSIPUR® core has a different tone to the standard. These variations are inherent to the industrial process and in no way affect the technical performance of the product.

The usual safety regulations regarding dust removal and fire protection must be observed when processing REYSIPUR®. Due to possible sharp edges, protective gloves should always be worn when handling REYSIPUR®. 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 HPL/Compact dust).

REYSIPUR® is a wood-based product, and its dimensions are constantly adapting to ambient conditions. The product can be easily process with woodworking machines.
Due to their high density, machining compact laminates can cause faster tool wear than other wood-based materials. The use of sharp blades is recommended to ensure optimum cutting quality. Carbide tools can be used. Diamond-tipped tools are recommended for processing large quantities and when used in automated machining centers.
For a suitable tool recommendation of your individual machining please contact the tool manufacturer directly.

REYSIPUR® is not postformable.

- **CONDITIONING**

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

More information on the handling and machining of Polyrey products can be found in ICDLI HPL Compendium.

8. CLEANING AND CARE

REYSIPUR® 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® surfaces, these four steps must be followed:

1- Choose the appropriate cleaning aids (cloth/sponge/brush) – depending on the structure and Choose the appropriate cleaning agent/solvent – depending on dirt residues.
2- Clean the surface with the appropriate cleaning aids and cleaning agents/solvents.
3- Rinse of all cleaning agent/solvent with warm water.
4- 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 REYSIPUR®, 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 a humid 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) may leave slight stains on the surface of REYSIPUR® panels. To avoid permanent staining these stains must be removed immediately.

Changes to the surfaces (e.g. micro-scratches, gloss deviations, dirt, grease stains...) caused by daily use are traces of use. The visual perception of these changes is influenced by the decor and surface texture.
In general, it must be observed on glossy and matte, smooth or deep textured surfaces.
The traces of use are more visible on smooth surfaces and are even more emphasized in combination with dark decors.
Deep textured surfaces exposed to repeated rubbing will show visible changes in the peak/elevated areas.

To preserve the visual appearance, these advices must be observed during application and cleaning.

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® is a cured, and therefore inert, duroplast.The release of formaldehyde from W HPL panels (≤ 0.05 ppm in testing according to EN 16516) are far below the legally permissible level (≤ 0.1 ppm regard to German requirements (Chemikalienverbotsverordnung)).
Furthermore, the emissions of volatile organic compounds (VOC) are so low that, depending on the test scenario, the following classifications according to the French VOC regulation have been given by Eurofins test reports.

Class A+ (with the test scenario for small areas (e.g., doors) with a loading factor of 0.05 m² / m³)

Class A (with the test scenario for walls with a loading factor of 1.0 m² / m³)

POLYREY Compact is GREENGUARD GOLD certified according UL2818 standard.

REYSIPUR® are suitable for direct contact with all foods and can be used in food processing.
Individual Environmental Product Declaration (EPD/FDES) are available. Using clearly defined parameters, it provides quantitative, verified, and objective information about the effects of Compact 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. Contact us for more information.

REYSIPUR® can be offered as a PEFC or FSC®-certified product upon request. In addition, all paper used (core paper and decorative paper) comes from non-controversial or controlled sources and meets EUTR Act (EU) No. 995/2010 requirements.

REYSIPUR® is a product and not a chemical substance, so the REACH ordinance is not applicable. It is, however, important to ensure information exchange between W and raw material suppliers regarding REACH-relevant components (see REACH ordinance technical data sheet for more information).We hereby confirm that no substance from the Candidate List is used in our above-mentioned products in a quantity requiring information (≤ 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® can be disposed of at controlled waste disposal facilities (e.g., landfills) that comply with current national and regional regulations. According to the regulation on the European Waste Catalog, HPL/Compact waste is classified with the code 200301 (mixed municipal waste).

REYSIPUR® is particularly suitable for thermal recycling due to its high calorific value (18–20 MJ/kg). When completely combusted at 700 °C, the boards burn to water, carbon dioxide and nitrogen oxides. The conditions for good combustion are met in modern, officially approved industrial incineration facilities. The ashes from these incineration processes can be brought to controlled landfills.