

HIGH PRESSURE LAMINATE POLYREY HPL®



Interior Fitting



NEW CONSTRUCTION
 REFURBISHMENT

LEED v4 - Building Design and Construction (BD+C)
 Office (O) - Retail (R) - Hospitality (Ho) - Healthcare (He)

The technical scheme of the certification encompasses the requirements relating to the project itself (its implementation, function, architectural design...) and to the materials, products and equipment within it. Depending on the certification, the table here below shows how the Polyrey product fulfils the requirements and with which level of performance. The following pages outline each of the requirements, and details how the Polyrey product is concerned and answers them. At the end of the document you will find a clickable link allowing access to the documentary proofs.

Credit category		Credit	Requirement - Polyrey product contribution	Points
 MR MATERIALS AND RESOURCES	Building Product Disclosure and Optimization - Environmental Product Declarations		Option 1 - Environmental Product Declaration (EPD) - Product with conform life cycle analysis	1 pt
			Option 2 - Leadership extraction practice - Product made from PEFC™ or FSC® certified wood	1 pt
	Furniture and medical furnishings		Option 1 - Minimal chemical content and/or Option 2 - Testing and Modeling of Chemical Content - Chemically inert material	He : Up to 2 pts
			Option 3 - Multi-Attribute Assessment of Products - Product made from PEFC™ or FSC® certified wood and with a conform life cycle analysis	He : Up to 2 pts
 EQ INDOOR ENVIRONMENTAL QUALITY	Low-emitting materials		Option 1 - Product category calculations or Option 2 - Budget calculation method - Product respecting TVOC and formaldehyde emissions thresholds, and Greenguard Gold certified.	Up to 3 pts
	Interior lighting		Option 2 - Lighting quality - Product easing natural lightening	O : 1 pt Ho : 1 pt



MR - MATERIALS AND RESOURCES

Criterion	Requirement - Polyrey product contribution - Documentation	
Building Product Disclosure and Optimization - Environmental Product Declarations Option 1 - Environmental Product Declaration (EPD)	1 pt	<p>USE A CERTAIN NUMBER OF PRODUCTS WITH AN ENVIRONMENTAL DECLARATION IN COMPLIANCE WITH THE REFERENCE CRITERIA.</p> <p>Product with conform life cycle analysis Indirect influence: Polyrey has carried out Life Cycle Analysis (LCA) for POLYREY HPL® in compliance with the NF EN 15804:2012+A1:2014 standard on individual environmental declarations.</p> <ul style="list-style-type: none"> • ATT - FDES - Polyrey HPL contrecollé sur panneaux bois - FR • ATT - EPD - Polyrey HPL Bonded board - EN
Building Product Disclosure and Optimization - Sourcing of Raw Materials Option 2 - Leadership extraction practice	1 pt	<p>USE A CERTAIN NUMBER OF PRODUCTS FROM RESPONSIBLE SUPPLY SOURCES (5 CRITERIA TO CHOOSE FROM).</p> <p>Product made from PEFC™ or FSC® certified wood Direct influence: POLYREY HPL® meets 2 responsible supply criteria: - All our products can be either PEFC™ (10-34-97) or FSC® CW (C068151) certified on request, guaranteeing that the wood and raw materials used come from sustainably and responsibly managed forests (Depending on the certification of our suppliers, while stocks last) - 20 % recycled content</p> <p>Moreover, Polyrey has two production plants in France : Baneuil (24) and Ussel (19).</p> <ul style="list-style-type: none"> • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN • ATT - European Timber regulations RBUE - FR - EN • ATT - Self declared environmental claim - Polyrey HPL - FR - EN
Furniture and medical furnishings Option 1 - Minimal chemical content and / or Option 2 - Testing and Modeling of Chemical Content	He : Up to 2 pts	<p>ALL COMPONENTS COMPRISING AT LEAST 5% OF THE WEIGHT OF A FURNISHING MUST CONTAIN LESS THAN 100 PPM OF AT LEAST 4 OF THE 5 CHEMICAL GROUPS.</p> <p>Chemically inert material Direct influence: POLYREY HPL®: - 0% urea formaldehyde; - 0% heavy metals including mercury, cadmium, lead and antimony; - 0% hexavalent chromium and other regulated substances in compliance with the European Directive 2011/65/EU (EU RoHS); - 0% pentachlorophenol - 0% protective products (e.g. lacquer, varnish etc.)</p> <p>As for all its products, POLYREY HPL® contains no chemical substances included in the candidate list of Substances of Very High Concern - SVHC - in concentrations higher than 0.1% of the mass. In addition, POLYREY HPL® is Greenguard Gold certified. This label provides proof of compliance with the standard no. ANSI/BIFMA e3-2011.</p> <ul style="list-style-type: none"> • ATT - Certificate of compliance Polyrey HPL and Reysipur composition - FR - EN • ATT - Certificate of compliance REACH - FR - EN • ATT - Certificate of compliance RoHS - FR - EN • ATT - Greenguard Gold certificate - Polyrey HPL - EN
Furniture and medical furnishings Option 3 - Multi-Attribute Assessment of Products	He : Up to 2 pts	<p>USE PRODUCTS THAT MEET ONE OF THE FOLLOWING CRITERIA: - COMPLIANT ENVIRONMENTAL DECLARATION - RESPONSIBLE SUPPLY</p> <p>Product made from PEFC™ or FSC® certified wood and with a conform life cycle analysis Direct influence: Polyrey has carried out Life Cycle Analysis (LCA) for POLYREY HPL® in compliance with the NF EN 15804:2012+A1:2014 standard on individual environmental declarations. All our products can be either PEFC™ (10-34-97) or FSC® CW (C068151) certified on request*, guaranteeing that the wood and raw materials used come from sustainably and responsibly managed forests. and contains 20% recycled material. *Depending on the certification of our suppliers, while stocks last</p> <ul style="list-style-type: none"> • ATT - FDES - Polyrey HPL contrecollé sur panneaux bois - FR • ATT - EPD - Polyrey HPL Bonded board - EN • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN • ATT - Self declared environmental claim - Polyrey HPL - FR - EN



EQ - INDOOR ENVIRONMENTAL QUALITY

Criterion Requirement - Polyrey product contribution - Documentation

RESPECT THE STANDARD METHOD V1.1-2010 F REQUIREMENTS FOR THE WALL / CEILING CLADDING PRODUCTS.

Low-emitting materials
Option 1 - Product category calculations
or Option 2 - Budget calculation method

Product respecting TVOC and formaldehyde emissions thresholds, and Greenguard Gold certified.
Direct influence: POLYREY HPL® is Greenguard Gold certified, certification recognised by the document "LEED V4 EQ Credit low emitting materials third party certifications and labels". Moreover, this label is internationally recognised as proof of compliance with the strictest requirements in terms of indoor air quality, in accordance with the emissions criterion used by the United States Environmental Protection Agency (EPA), the State of California, the German Blue Angel (Blauer Engel) certification and other internationally known public health agencies. The Greenguard Gold certification uses the strictest threshold limits to account for sensitive people (children and the elderly). Over 360 VOCs evaluated with a limit value for Total Volatile Organic Compounds (TVOC).

POLYREY HPL®	CLASSIFICATION	COVT	FORMALDEHYDE
		MAXIMUM CONCENTRATIONS - MEASURED AFTER 7 DAYS	
	GREENGUARD GOLD	≤ 0,22 0,007 mg/m³	≤ 0,0073 0,007 ppm

Up to 3 pts

NOTA: French VOC labelling
In the framework of the French VOC label, Polyrey measures VOC emissions from its products in accordance with the ISO 16000 standard. POLYREY HPL® has received the following classification:

POLYREY HPL®	CLASSIFICATION	COVT	FORMALDEHYDE
		MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS	
WALL SCENARIO	A	< 1000 7,2 µg/m³	< 60 15 µg/m³
TOUCH FINISH ALL SCENARIOS	A+	< 1000 19 µg/m³	< 10 7,4 µg/m³
DOOR SCENARIO	A+	< 1000 0,4 µg/m³	< 10 0,8 µg/m³

- ATT - Greenguard Gold certificate - Polyrey HPL - EN
- PV - Report of classification COV - Wall - Polyrey HPL
- PV - Report of classification COV - Door - Polyrey HPL - FR - EN
- PV - Report of classification COV - Wall - Polyrey HPL Touch - FR - EN

Interior lighting
Option 2 - Lighting quality

CHOSE 4 OF THE 8 SOLUTIONS AVAILABLE WHICH GUARANTEE QUALITY LIGHTING.

Product easing natural lighting
Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings. With its large range of over 300 decors (plain, wood, materials), Polyrey HPL® contributes to obtaining excellent daylight factor percentages: Its light reflectance values range from 0.04 for the N005 Black decor to 0.86 for the B117 Artic White decor.

0 : 1 pt
Ho : 1 pt

- DOC - Light Reflectance Values

MY EXPERT

Environmental advice

Do not hesitate to contact us.
Our team is at your disposal to advise and support you.

polyrey.export@polyrey.com - Tel : +33 (0)5 53 76 56 88

DOWNLOAD ALL DOCUMENTARY PROOFS HERE :