

HIGH PRESSURE LAMINATE POLYREY HPL®

Interior Fitting





BREEAM

Code for a sustainable
built environment

- NEW CONSTRUCTION
- REFURBISHMENT

International Non-Domestic Refurbishment 2015 (SD225 1.4)
Office (O) - Retail (R) - Hospitality (Ho)

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. A clickable link allows accessing the documentary proofs linked to each requirement.

Section		Issue	Criterion - Polyrey product contribution	Points
	HEA Health and well-being	Hea 01 Visual comfort	Daylighting Product easing natural lightening	Up to 3 pts
	MAT Materials	Mat 01 Environmental impact of materials	Option 1 : Project life cycle assessment study Mastering the environmental impacts	Up to 6 pts
			Option 2 : Elemental assessment of environmental performance information Product with conform life cycle analysis	Up to 4 pts
		Mat 03 Responsible sourcing of materials	Legal timber-based products Wood environmental certifications	Prerequisite
			Responsible sourcing of construction products Product sourced responsibly	Up to 3 pts
	INN Innovation	Inn 01 Innovation	Exemplary level of performance Earn exemplary performance points with POLYREY HPL®	Up to 4 pts



Hea 01 - VISUAL COMFORT

Criterion	Requirement - Polyrey product contribution - Documentation	
	RESPECT A CERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.	
Daylighting	Up to 3 pts	<p>Product easing natural lightening</p> <p>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.</p> <p> • DOC - Light Reflectance Values</p>



Mat 01 - ENVIRONMENTAL IMPACT OF MATERIALS

Criterion	Requirement - Polyrey product contribution - Documentation	
	CARRY OUT AN LCA TO GAUGE THE ENVIRONMENTAL IMPACT OF THE LIFE CYCLE OF RENOVATION OR CONSTRUCTION WORK.	
Option 1 - Project life cycle assessment study	Up to 6 pts	<p>Product with conform life cycle analysis</p> <p>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project. Polyrey carries out Life Cycle Analysis (LCA) for its products and supplies the individual environmental declarations required for this calculation.</p> <p> • ATT - FDES - Polyrey HPL contrecollé sur panneaux bois - FR • ATT - EPD - HPL bonded board - EN</p>
Option 2 - Elemental assessment of environmental performance information	Up to 4 pts	Identical to option 1.



Mat 03 - RESPONSIBLE SOURCING OF MATERIALS

Criterion	Requirement - Polyrey product contribution - Documentation	
	ENSURE THAT THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.	
Legal timber-based products	Prerequisite	<p>Wood environmental certifications</p> <p>Indirect influence: POLYREY HPL® is PEFC™ and FSC® CW (on request) certified, demonstrating that the wood is responsibly sourced, that is to say from legal and sustainably-managed sources in accordance with the European regulation no. 995/2010.</p> <p>NOTA : This criterion is also a prerequisite for the MAT 03 - Responsible construction practices issue.</p> <p> • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN • ATT - European Timber regulations RBUE - FR - EN</p>
	USE PRODUCTS SOURCED FROM A RESPONSIBLE SECTOR.	
Responsible sourcing of materials (RSM)	Up to 3 pts	<p>Product sourced responsibly</p> <p>Direct influence: POLYREY HPL® is procured from a responsible channel: it is "PEFC™ Certified" and "FSC® CW" certified (on request).</p> <p> • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN</p>



Inn 01 - INNOVATION

Criterion	Requirement - Polyrey product contribution - Documentation																														
Exemplary level of performance	FULFIL REINFORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.																														
	Among the criteria that allow to earn exemplary performance points, three concerns the POLYREY HPL®.																														
	Hea 02 – Indoor Air Quality (1 to 2 pts)																														
	Up to 4 pts	Volatile organic compound (VOC) emission levels (products)	Up to 2 pts																												
		<p>Product Greenguard Gold certified and with very low TVOC and formaldehyde emissions</p> <p>Direct influence: POLYREY HPL® is Greenguard Gold certified, label recognised by BREEAM to justify this requirement is respected (see Guidance Note GN22). 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.</p> <p>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).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">CLASSIFICATION</th> <th>COVT</th> <th>FORMALDEHYDE</th> </tr> <tr> <th colspan="2">MAXIMUM CONCENTRATIONS - MEASURED AFTER 7 DAYS</th> </tr> </thead> <tbody> <tr> <td>POLYREY HPL®</td> <td style="color: green; font-weight: bold;">GREENGUARD GOLD</td> <td>≤ 0,22 mg/m³ 0,007</td> <td>≤ 0,0073 ppm 0,007</td> </tr> </tbody> </table> <p>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:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">CLASSIFICATION</th> <th>COVT</th> <th>FORMALDEHYDE</th> </tr> <tr> <th colspan="2">MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS</th> </tr> </thead> <tbody> <tr> <td>POLYREY HPL® WALL SCENARIO</td> <td style="color: green; font-weight: bold;">A</td> <td>< 1000 7,2 µg/m³</td> <td>< 60 15 µg/m³</td> </tr> <tr> <td>POLYREY HPL® TOUCH FINISH ALL SCENARIOS</td> <td style="color: green; font-weight: bold;">A +</td> <td>< 1000 19 µg/m³</td> <td>< 10 7,4 µg/m³</td> </tr> <tr> <td>POLYREY HPL® DOOR SCENARIO</td> <td style="color: green; font-weight: bold;">A +</td> <td>< 1000 0,4 µg/m³</td> <td>< 10 0,8 µg/m³</td> </tr> </tbody> </table> <p style="font-size: small;"> <ul style="list-style-type: none"> • 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 </p>			CLASSIFICATION	COVT	FORMALDEHYDE	MAXIMUM CONCENTRATIONS - MEASURED AFTER 7 DAYS		POLYREY HPL®	GREENGUARD GOLD	≤ 0,22 mg/m³ 0,007	≤ 0,0073 ppm 0,007		CLASSIFICATION	COVT	FORMALDEHYDE	MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS		POLYREY HPL® WALL SCENARIO	A	< 1000 7,2 µg/m³	< 60 15 µg/m³	POLYREY HPL® TOUCH FINISH ALL SCENARIOS	A +	< 1000 19 µg/m³	< 10 7,4 µg/m³	POLYREY HPL® DOOR SCENARIO	A +	< 1000 0,4 µg/m³	< 10 0,8 µg/m³
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	Mat 01 (1pt) : When the maximum score is reached in the LCA tool.																														
	Mat 03 (1pt) : When more products are sourced responsibly.																														

MY EXPERT



Environmental advice

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

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DOWNLOAD ALL DOCUMENTARY PROOFS HERE :

