

BREEAM

Code for a sustainable
built environment




 NEW CONSTRUCTION
 REFURBISHMENT

COMPACT HPL REYSIPUR®

Interior Fitting

International New Construction 2016 (SD233 2.0)
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. 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	O : 1 pt R : 2 pts Ho : 1 pt
		Hea 02 Indoor air quality	Emissions from building products Product Greenguard certified and with very low TVOC and formaldehyde emissions	1 pt
 MAT Materials		Mat 01 Life cycle impacts	Life cycle assessment (LCA) Product with conform life cycle analysis	Up to 5 pts
		Mat 03 Responsible sourcing of construction products	Environmental product declarations (EPD) Voluntary environmental declaration by an independent organisation	1 pt
			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 REYSIPUR®	Up to 2 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	0 : 1 pt R : 2 pts Ho : 1 pt	<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), REYSIPUR® 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>



Hea 02 - INDOOR AIR QUALITY

Criterion	Requirement - Polyrey product contribution - Documentation																	
	USE PRODUCTS WHOSE EMISSION LEVELS RESPECT CERTAIN THRESHOLDS : FORMALDEHYDE < 60 µg/m³, TVOC < 1000 µg/m³ AND 1A AND 1B CARCINOGENIC SUBSTANCES < 1 µg/m³.																	
Emissions from building products	1 pt	<p>Product Greenguard certified and with very low TVOC and formaldehyde emissions</p> <p>Direct influence: REYSIPUR® is Greenguard 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"> <thead> <tr> <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>REYSIPUR®</td> <td>≤ 0,25 0,001 mg/m³</td> <td>≤ 0,025 0,011 ppm</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. REYSIPUR® has received the following classification:</p> <table border="1"> <thead> <tr> <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>REYSIPUR® WALL SCENARIO</td> <td>< 1000 2,9 µg/m³</td> <td>< 60 42 µg/m³</td> </tr> </tbody> </table> <p> • ATT - Greenguard certificate - Reysipur - EN • PV - Report of classification COV - Wall - Reysipur</p>	CLASSIFICATION	COVT	FORMALDEHYDE	MAXIMUM CONCENTRATIONS - MEASURED AFTER 7 DAYS		REYSIPUR®	≤ 0,25 0,001 mg/m³	≤ 0,025 0,011 ppm	CLASSIFICATION	COVT	FORMALDEHYDE	MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS		REYSIPUR® WALL SCENARIO	< 1000 2,9 µg/m³	< 60 42 µg/m³
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Mat 01 - LIFE CYCLE IMPACTS

Criterion	Requirement - Polyrey product contribution - Documentation	
	CALCULATE THE ENVIRONMENTAL IMPACT OF THE BUILDING THROUGH A LIFE CYCLE ANALYSIS INCLUDING AT LEAST CERTAIN PRODUCTS.	
Life cycle assessment (LCA)	Up to 5 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 - POLYREY - FDES - Reysipur - FR • ATT - POLYREY - EPD - Reysipur - EN</p>
Environmental product declarations (EPD)	1 pt	<p>Voluntary environmental declaration by an independent organisation</p> <p>Direct influence: Polyrey has carried out Life Cycle Analysis (LCA) for REYSIPUR® in compliance with the NF EN 15804:2012+A1:2014 standard.</p> <p> • ATT - POLYREY - FDES - Reysipur - FR • ATT - POLYREY - EPD - Reysipur - EN</p>



Mat 03 - RESPONSIBLE SOURCING OF CONSTRUCTION PRODUCTS

Criterion	Requirement - Polyrey product contribution - Documentation	
Legal timber-based products	ENSURE THAT THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.	
	Prerequisite	<p>Wood environmental certifications Indirect influence: REYSIPUR® 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. NOTA: This criterion is also a prerequisite for the MAT03 - Responsible construction practices issue.</p> <p> ATT - PEFC Certificate - EN ATT - FSC Certificate - EN ATT - European Timber regulations RBUE - FR - EN</p>
Responsible sourcing of construction products	CONTAIN A CERTAIN PERCENTAGE OF PRODUCTS SOURCED FROM A RESPONSIBLE CHANNEL: THE NUMBER OF POINTS OBTAINED DEPENDS ON THIS PERCENTAGE VALUE.	
	Up to 3 pts	<p>Product sourced responsibly Direct influence: REYSIPUR® 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.	
	Up to 2 pts	<p>Earn exemplary performance points with REYSIPUR® Among the criteria that allow to earn exemplary performance points, two concerns REYSIPUR®: Mat 01 (1 pt) : When the maximum score is reach in the LCA tool. Mat 03 (1 pt) : When more products are sourced responsibly.</p>

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 :