




MELAMINE FACED-BOARD PANOPREY®

Interior Fitting


Code for a sustainable
built environment
 NEW CONSTRUCTION
 REFURBISHMENT


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. At the end of the document you will find a clickable link allowing access to the documentary proofs.

Section		Issue	Criterion - Polyrey product contribution	Points
 HEA Health and well-being		Hea 01 Visual comfort	Daylighting Product easing natural lighting	O : 1 pt R : 2 pts Ho : 1 pt
		Hea 02 Indoor air quality	Emissions from building products Product 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 PANOPREY®	Up to 2 pts



Hea 01 - VISUAL COMFORT

Criterion	Requirement - Polyrey product contribution - Documentation	
Daylighting	RESPECT A CERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.	
	0 : 1 pt R : 2 pts Ho : 1 pt	<p>Product easing natural lighting</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 180 decors (plain, wood, materials), PANOPREY® 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> <ul style="list-style-type: none"> • DOC - Light Reflectance Values



Hea 02 - INDOOR AIR QUALITY

Criterion	Requirement - Polyrey product contribution - Documentation																				
Emissions from building products	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.																				
	1 pt	<p>Product with very low TVOC and formaldehyde emissions</p> <p>In the framework of the French VOC label, Polyrey measures VOC emissions from its products in accordance with the ISO 16000 standard. PANOPREY® has received the following classification:</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">COVT</th> <th colspan="2">FORMALDEHYDE</th> </tr> <tr> <th colspan="4">MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS</th> </tr> </thead> <tbody> <tr> <td>PANOPREY® CHIPBOARD - STANDARD QUALITY</td> <td>< 1000 190 µg/m³</td> <td>A +</td> <td>< 10 8,6 µg/m³</td> <td>A +</td> </tr> <tr> <td>PANOPREY® TOUCH FINISH</td> <td>< 1000 140 µg/m³</td> <td>A +</td> <td>< 60 46 µg/m³</td> <td>A</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • PV - Report of classification COV - Panoprey - Chipboard - Standard quality - FR-EN • PV - Report of classification COV - Panoprey TOUCH - Chipboard faced MDF - FR-EN 		COVT		FORMALDEHYDE		MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS				PANOPREY® CHIPBOARD - STANDARD QUALITY	< 1000 190 µg/m³	A +	< 10 8,6 µg/m³	A +	PANOPREY® TOUCH FINISH	< 1000 140 µg/m³	A +	< 60 46 µg/m³	A
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Mat 01 - LIFE CYCLE IMPACTS

Criterion	Requirement - Polyrey product contribution - Documentation	
Life cycle assessment (LCA)	CALCULATE THE ENVIRONMENTAL IMPACT OF THE BUILDING THROUGH A LIFE CYCLE ANALYSIS INCLUDING AT LEAST CERTAIN PRODUCTS.	
	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> <ul style="list-style-type: none"> • AIT - FDES - Panoprey - Qualite Standard - FR • AIT - FDES - Panoprey - Qualite Hydrofuge - FR • AIT - EPD - Panoprey - Standard quality - EN • AIT - EPD - Panoprey - Moisture resistant quality - EN
Environmental product declarations (EPD)	INSTALL A CERTAIN NUMBER OF PRODUCTS WITH COMPLIANT ENVIRONMENTAL DECLARATIONS.	
	1 pt	<p>Voluntary environmental declaration by an independent organisation</p> <p>Direct influence: Polyrey has carried out Life Cycle Analysis (LCA) for PANOPREY® in compliance with the NF EN 15804:2012+A1:2014, collective environmental declaration.</p> <ul style="list-style-type: none"> • AIT - FDES - Panoprey - Qualite Standard - FR • AIT - FDES - Panoprey - Qualite Hydrofuge - FR • AIT - EPD - Panoprey - Standard quality - EN • AIT - EPD - Panoprey - Moisture resistant quality - EN



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</p> <p>PANOPREY® is:</p> <ul style="list-style-type: none"> - 85% composed of an anhydrous wood core from the following sources: 20% roundwood (twigs, branches, downgraded logs), 37% related products (chips, particles) from other woodworking industries (sawmills, joineries, furniture makers, etc.), 43% secondary raw materials for recycling (chips from wood waste shredding). - 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). <p>It is therefore included in the calculation of the volume of wood used in the structure, with reference to the order of 13 September 2010 establishing the method for calculating the volume of wood used in certain constructions.</p> <ul style="list-style-type: none"> • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN • ATT - European Timber regulations RBUE - FR - EN
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</p> <p>Direct influence: 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)..</p> <ul style="list-style-type: none"> • ATT - PEFC Certificate - EN • ATT - FSC Certificate - EN



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 PANOPREY®</p> <p>Among the criteria that allow to earn exemplary performance points, two concerns the PANOPREY®:</p> <p>Mat 01 (1 pt) : When the maximum score is reach in the LCA tool.</p> <p>Mat 03 (1 pt) : When more products are sourced responsibly.</p>

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 :