

MELAMINE FACED-BOARD PANOPREY®





Interior Fitting


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. 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 | 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 |
| | | | or 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 PANOPREY® | 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 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 |



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> <ul style="list-style-type: none"> • ATT - FDES - Panoprey - Qualite Standard - FR • ATT - FDES - Panoprey - Qualite Hydrofuge - FR • ATT - EPD - Panoprey - Standard quality - EN • ATT - EPD - Panoprey - Moisture resistant quality - EN |
| 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>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 |
| | USE PRODUCTS SOURCED FROM A RESPONSIBLE SECTOR. | |
| Responsible sourcing of materials (RSM) | 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. | | | | | | | | | | | | | | | | | | | | | | |
| | Among the criteria that allow to earn exemplary performance points, three concerns the PANOPREY®. | | | | | | | | | | | | | | | | | | | | | | |
| | 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 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></th> <th colspan="2">COVT</th> <th colspan="2">FORMALDEHYDE</th> </tr> <tr> <th></th> <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>PANOPREYL® 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 + | PANOPREYL® TOUCH FINISH | < 1000 140 µg/m³ | A + | < 60 46 µg/m³ |
| | 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 + | | | | | | | | | | | | | | | | | | | |
| PANOPREYL® TOUCH FINISH | < 1000 140 µg/m³ | A + | < 60 46 µg/m³ | A | | | | | | | | | | | | | | | | | | | |
| | Mat 01 (1pt) : When the maximum score is reach in the LCA tool. | | | | | | | | | | | | | | | | | | | | | | |
| | Mat 03 (1pt) : When more products are sourced responsibly. | | | | | | | | | | | | | | | | | | | | | | |

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 :