

RESOPAL® BUILDING ENVIRONMENTAL DATA SHEET






 NEW CONSTRUCTION

 REFURBISHMENT

MELAMINE-FACED BOARD - RESOPAL® MFB INTERIOR FITTING

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, etc.) and to the materials, products and equipment within it. Depending on the certification, the table below shows how RESOPAL MFB¹ fulfils the requirements and with which level of performance. The following pages outline each of the requirements, and detail how RESOPAL MFB is affected and meets them. At the end of the document you will find a clickable link allowing access to the documentation proofs.

Section	Issue	Criterion - RESOPAL product contribution	Points
 HEA Health and Well-Being	Hea 01 Visual Comfort	Daylighting Product eases natural lighting	Up to 3 pts
 MAT Materials	Mat 01 Environmental Impact of Materials	Option 1: Project life cycle assessment study Mastering the environmental impact	Up to 6 pts
		Option 2: Elemental assessment of environmental performance information Product with conforming life cycle analysis	Up to 4 pts
 MAT Materials	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 RESOPAL MFB	Up to 4 pts

¹ All data in this data sheet refers exclusively to RESOPAL MFB and does not apply to RESOPAL Resopalit.

Hea 01 - Visual Comfort



Criterion	Requirement - RESOPAL product contribution - Documentation	
Daylighting	RESPECT A CERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.	
	Up to 3 pts	<p>Product eases 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.</p> <p>With its large range of over 300 decors (plain, wood, materials), RESOPAL MFB contributes to obtaining excellent daylight factor percentages: Its light reflectance values range from 0.06 for the 0901 Black decor to 0.85 for the 9417 Snow White decor.</p> <ul style="list-style-type: none"> • Data Sheet - Surface Gloss and Surface Brightness - EN

Mat 01 - Environmental Impact of Materials



Criterion	Requirement - RESOPAL product contribution - Documentation	
Option 1 - Project life cycle assessment study	CARRY OUT AN LCA TO GAUGE THE ENVIRONMENTAL IMPACT OF THE LIFE CYCLE OF RENOVATION OR CONSTRUCTION WORK.	
	Up to 6 pts	<p>Product with conforming 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.</p> <p>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</p> <ul style="list-style-type: none"> • FDES - RESOPAL MFB - Qualité Standard - FR • FDES - RESOPAL MFB - Qualité Hydrofuge - FR • EPD - RESOPAL MFB - Standard Quality - EN • EPD - RESOPAL MFB - Moisture-Resistant Quality - EN
Option 2 - Elemental assessment of environmental performance information	HAVE THE RELEVANT ENVIRONMENTAL INFORMATION ON NEW PRODUCTS USED.	
	Up to 4 pts	Identical to option 1.



Mat 03 - Responsible Sourcing of Materials

Criterion	Requirement - RESOPAL product contribution - Documentation	
Legal timber-based products	ENSURE THAT THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.	
	Prerequisite	<p>Wood environmental certifications</p> <p>RESOPAL MFB:</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 wood-working industries (sawmills, joineries, furniture makers, etc.), 43% secondary raw materials for recycling (chips from wood waste shredding). - All our products can be either PEFC (PEFC/04-31-1353) or FSC® (TSUD-COC-001239 and TSUD-CW-001239) 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"> • PEFC-Certificate - EN • FSC®-Certificate - EN • Declaration European Timber Regulation (EUTR) - EN
Responsible Sourcing of Materials (RSM)	USE PRODUCTS SOURCED FROM A RESPONSIBLE SECTOR.	
	Up to 3 pts	<p>Product sourced responsibly</p> <p>Direct influence: All our products can be either PEFC (TSUD-PEFC-COC-000086) or FSC® (TSUD-COC-001239 and TSUD-CW-001239) 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"> • PEFC-Certificate - EN • FSC®-Certificate - EN



Inn 01 - Innovation

Criterion		Requirement - RESOPAL product contribution - Documentation																												
Exemplary level of performance	FULFIL REINFORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.																													
	Up to 4 pts	Volatile organic compound (VOC) emission levels (products)	Up to 2 pts	Among the criteria that earn exemplary performance points, three concern RESOPAL MFB.																										
				Hea 02 - Indoor Air Quality (1 to 2 pts)																										
				<p>Product with very low TVOC and formaldehyde emissions</p> <p>In the framework of the French VOC label, Resopal measures VOC emissions from its products in accordance with the ISO 16000 standard. RESOPAL MFB has received the following classification:</p>																										
				<table border="1"> <thead> <tr> <th></th> <th>TVOC</th> <th></th> <th>Formaldehyde</th> <th></th> </tr> <tr> <th colspan="5">MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS</th> </tr> <tr> <th></th> <th>limit</th> <th>value</th> <th>limit</th> <th>value</th> </tr> </thead> <tbody> <tr> <td>RESOPAL MFB CHIPBOARD - STANDARD QUALITY</td> <td>< 1000</td> <td>190 µg/m³</td> <td>A+</td> <td>< 10</td> <td>8.6 µg/m³</td> <td>A+</td> </tr> <tr> <td>RESOPAL TRACELESS FACED BOARD</td> <td>< 1000</td> <td>140 µg/m³</td> <td>A+</td> <td>< 60</td> <td>46 µg/m³</td> <td>A</td> </tr> </tbody> </table>			TVOC		Formaldehyde		MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS						limit	value	limit	value	RESOPAL MFB CHIPBOARD - STANDARD QUALITY	< 1000	190 µg/m³	A+	< 10	8.6 µg/m³	A+	RESOPAL TRACELESS FACED BOARD	< 1000	140 µg/m³
	TVOC		Formaldehyde																											
MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS																														
	limit	value	limit	value																										
RESOPAL MFB CHIPBOARD - STANDARD QUALITY	< 1000	190 µg/m³	A+	< 10	8.6 µg/m³	A+																								
RESOPAL TRACELESS FACED BOARD	< 1000	140 µg/m³	A+	< 60	46 µg/m³	A																								
<ul style="list-style-type: none"> • VOC Emission test report - RESOPAL MFB - EN • VOC Emission test report - RESOPAL Traceless Faced Board - EN 																														
		Mat 01 (1pt) : When the maximum score is reached in the LCA tool.																												
		Mat 03 (1pt) : When more products are sourced responsibly.																												

Download all documentation proofs here

