

✓ NEW CONSTRUCTION

REFURBISHMENT

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

Section		lssue	Criterion - RESOPAL product contribution	Points
	HEA	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	O: 1 pt R: 2 pts Ho: 1 pt
	Health and Well-Being	Hea 02 Indoor Air Quality	<b>Emissions from building products</b> Product with very low TVOC and formaldehyde emissions	1 pt
		Mat 01	Life Cycle Assessment (LCA) Product with conforming life cycle analysis	Up to 5 pts
$\mathbf{Q}$	MAT Materials	Life Cycle Impacts	<b>Environmental Product Declarations (EPD)</b> Voluntary environmental product declaration by an independent organisation	1 pt
		Mat 03	Legal timber-based products Wood environmental certifications	Prerequisite
		Responsible Sourcing of Construction Products	<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
-	INN Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL Compact	Up to 2 pts



Criterion	Requirement	Requirement - RESOPAL product contribution - Documentation					
	RESPECT A CE	RTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.					
Daylighting	O: 1 pt R: 2 pts Ho: 1 pt	<ul> <li>Product eases natural lighting</li> <li>Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings.</li> <li>With its large range of over 300 decors (plain, wood, materials), RESOPAL Compact 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.</li> <li>Data Sheet - Surface Gloss and Surface Brightness - EN</li> </ul>					

# Hea 02 - Indoor Air Quality



Criterion	Requiremer	nt - RESOPAL product contribution	n - Document	ation					
		CTS WHOSE EMISSION LEVELS RESPE HYDE < 60 µg/m³, TVOC < 1000 µg/m²				JBSTANCE	S < 1 µg/m³		
		<b>Product with very low TVOC an</b> Direct influence: RESOPAL Compact testing institute. RESOPAL Compact air quality, in accordance with the e Protection Agency (EPA), the State of certification and other international	ct is a low-emitt t complies with missions criteri of California, the	ing material the strictest a used by th e German B	confirmed requireme e United S lue Angel (	ents in term tates Enviro	s of indoor onmental		
			Regulation	туос		Formaldel	nyde		
					CONCENTRAT	⊣ IONS (µg/m³) ∙ ∕S	ird-party erms of indoor vironmental Engel) Idehyde m <sup>a</sup> ) - 24 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 24 24 24 24 24 24 24 24 24 24 24 24		
				limit	value	limit	value		
		RESOPAL Compact WALL SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	24		
		RESOPAL TRACELESS PREMIUM Compact ALL SCENARIOS	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3		
Emissions from building		RESOPAL Compact DOOR SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3		
products	1 pt	<b>NOTE: French VOC labelling</b> In the framework of the French VOC in accordance with the ISO 16000 s classification:					lowing		
					CONCENTRAT	∣ IONS (µg/m³) · ∕s			
				limit	value	limit	value		
		RESOPAL Compact WALL SCENARIO	А	< 1500	< 2	< 60	24		
		RESOPAL TRACELESS PREMIUM Compact ALL SCENARIOS	A+	< 1000	< 2	< 10	< 3		
		RESOPAL Compact DOOR SCENARIO	A+	< 1000	< 2	< 10	< 3		
		<ul> <li>VOC Emission test report - Wall - RESOPAL Compact - EN</li> <li>VOC Emission test report - Door - RESOPAL Compact - EN</li> <li>VOC Emission test report - Wall - RESOPAL Compact Traceless Premium - EN</li> </ul>							



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## Mat 01 - Life Cycle Impacts

Criterion	Requirement - RESOPAL product contribution - Documentation					
		HE ENVIRONMENTAL IMPACT OF THE BUILDING THROUGH A LIFE CYCLE ANALYSIS T LEAST CERTAIN PRODUCTS.				
Life Cycle Assessment (LCA)	Up to 5 pts	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>				
	INSTALL A CE	RTAIN NUMBER OF PRODUCTS WITH COMPLIANT ENVIRONMENTAL PRODUCT DECLARATIONS.				
Environmental Product Declarations (EPD)	1 pt	<ul> <li>Voluntary environmental product declaration by an independent organisation</li> <li>Direct influence: RESOPAL has carried out Life Cycle Analysis (LCA) for RESOPAL Compact in compliance with the DIN EN 15804:2012+A2:2019 standard.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>				

# Mat 03 - Responsible Sourcing of Construction Products

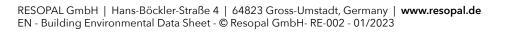
Criterion	Requirement - RESOPAL product contribution - Documentation					
Legal timber- based products	ENSURE THAT	THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.				
	Prerequisite	<ul> <li>Wood environmental certifications         Indirect influence: All our products can be either PEFC (PEFC/04-31-1353)         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).         NOTE: this criterion is also a prerequisite for the MAT03 - Responsible construction practices issue.         PEFC-Certificate - EN         FSC®-Certificate - EN         • Declaration European Timber Regulation (EUTR) - EN         </li> </ul>				
		ERTAIN PERCENTAGE OF PRODUCTS SOURCED FROM A RESPONSIBLE CHANNEL: THE POINTS OBTAINED DEPENDS ON THIS PERCENTAGE VALUE.				
Responsible sourcing of construction products	Up to 3 pts	<ul> <li>Product sourced responsibly</li> <li>Direct influence: All our products can be either PEFC (TSUD-PEFC-COC-000086)</li> <li>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).</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> </ul>				



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Criterion	Requiremen	t - RESOPAL product contribution - Documentation
	FULFIL REINF	ORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.
Examplary level of performance	Up to 2 pts	Earn examplary performance points with RESOPAL Compact Among the criteria that earn examplary performance points, two concern RESOPAL Compact Mat 01 (1 pt): When the maximum score is reached in the LCA tool. Mat 03 (1 pt): When more products are sourced responsibly.









REFURBISHMENT

# **COMPACT HPL - RESOPAL® COMPACT** 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 Compact fulfils the requirements and with which level of performance. The following pages outline each of the requirements, and detail how RESOPAL Compact is affected and meets them. At the end of the document you will find a clickable link allowing access to the documentation proofs.

Section		lssue	Criterion - RESOPAL product contribution	Points
	<b>HEA</b> Health and Well-Being	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	Up to 3 pts
		Mat 01	<b>Option 1: Project life cycle assessment study</b> Mastering the environmental impact	Up to 6 pts
$\mathbf{Q}$	MAT	Environmental Impact of Materials	<b>Option 2: Elemental assessment of environmental</b> <b>performance information</b> Product with conforming life cycle analysis	Up to 4 pts
	Materials	Mat 03	Legal timber-based products Wood environmental certifications	Prerequisite
	•	Responsible Sourcing of Materials	<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
-	<b>INN</b> Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL Compact	Up to 4 pts



Criterion	Requirement - RESOPAL product contribution - Documentation					
	RESPECT A C	ERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.				
Daylighting	Up to 3 pts	<ul> <li>Product eases natural lighting</li> <li>Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings.</li> <li>With its large range of over 300 decors (plain, wood, materials), RESOPAL Compact 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.</li> <li>Data Sheet - Surface Gloss and Surface Brightness - EN</li> </ul>				

# Mat 01 - Environmental Impact of Materials



Criterion	Requirement	Requirement - RESOPAL product contribution - Documentation				
	CARRY OUT A CONSTRUCTIO	N LCA TO GAUGE THE ENVIRONMENTAL IMPACT OF THE LIFE CYCLE OF RENOVATION OR ON WORK.				
Option 1 - Project life cycle assessment study	Up to 6 pts	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>				
Option 2 - Elemental	HAVE THE REL	EVANT ENVIRONMENTAL INFORMATION ON NEW PRODUCTS USED.				
assessment of environmental performance information	Up to 4 pts	Identical to option 1.				



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## 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	<ul> <li>Wood environmental certifications</li> <li>Indirect influence: All our products can be either PEFC (PEFC/04-31-1353)</li> <li>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).</li> <li>NOTE: this criterion is also a prerequisite for the MAT03 - Responsible construction practices issue.</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> <li>Declaration European Timber Regulation (EUTR) - EN</li> </ul>
	USE PRODUC	TS SOURCED FROM A RESPONSIBLE SECTOR.
Responsible Sourcing of Materials (RSM)	Up to 3 pts	<ul> <li>Product sourced responsibly</li> <li>Direct influence: All our products can be either PEFC (TSUD-PEFC-COC-000086)</li> <li>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).</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> </ul>

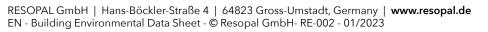




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riterion	Requi	rement	- RESO	PAL product contribution - Docu	mentation				
	FULFIL	REINFC	ORCED R	EQUIREMENTS ON SOME CRITERIA	FROM OTHER	SECTIONS			
				Among the criteria that earn examp	lary performan	ce points, tł	ree conce	rn RESOPA	L Compact.
				Hea 02 - Indoor Air Quality (1 to 2 p	ots)				d-party ms of tes mgel (Blauer *)- * 24 24 23 23 23 23 23 23 24 23 24 23 24 23 24 24 24 24 24 24 24 24 24 24 24 24 24
				<b>Product with very low TVOC an</b> Direct influence: RESOPAL Compact testing institute. RESOPAL Compact indoor air quality, in accordance with Environmental Protection Agency (B Engel) certification and other intern	t is a low-emitt complies with the emission EPA), the State	ing materia the strictes s criteria us of California	l confirmed t requirem ed by the l a, the Germ	ents in tern United State nan Blue An	ns of es
		ducts)			Regulation	туос		Formalde	hyde
		(proc				MAXIMUM MEASURED	CONCENTRA AFTER 28 DA	TIONS (µg/m³) \YS	-
гсе		vels				limit	value	limit	value
ormar		on le		RESOPAL Compact WALL SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	24
of perfo		OC) emissic	Volatile organic compound (VOC) emission levels (products)	RESOPAL TRACELESS PREMIUM Compact <b>ALL SCENARIOS</b>	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3
evel o	Up to 4 pts			RESOPAL Compact DOOR SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3
Exemplary level of performance		organic compounc			al measures VOC emissions from its pr DPAL Compact has received the follow		llowing		
		atile c						 TIONS (µg/m³)	
		Vol				limit	AFTER 28 DA	limit	value
				RESOPAL Compact WALL SCENARIO	А	< 1500	< 2	< 60	24
				RESOPAL TRACELESS PREMIUM Compact <b>ALL SCENARIOS</b>	A+	< 1000	< 2	< 10	< 3
				RESOPAL Compact DOOR SCENARIO	A+	< 1000	< 2	< 10	< 3
				<ul> <li>VOC Emission test report - Wall - RESO</li> <li>VOC Emission test report - Door - RESO</li> <li>VOC Emission test report - Wall - RESO</li> </ul>	DPAL Compact - I	EN	um - EN		
		Mat 01	(1pt) : V	Vhen the maximum score is reached	in the LCA tool				
					oonsibly.				







✓ NEW CONSTRUCTION

REFURBISHMENT

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

Section		lssue	Criterion - RESOPAL product contribution	Points
	HEA	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	O: 1 pt R: 2 pts Ho: 1 pt
	Health and Well-Being	Hea 02 Indoor Air Quality	<b>Emissions from building products</b> Product with very low TVOC and formaldehyde emissions	1 pt
		Mat 01	Life Cycle Assessment (LCA) Product with conforming life cycle analysis	Up to 5 pts
$\mathbf{Q}$	MAT	Life Cycle Impacts	<b>Environmental Product Declarations (EPD)</b> Voluntary environmental product declaration by an independent organisation	1 pt
	- Materials	Mat 03	Legal timber-based products Wood environmental certifications	Prerequisite
		Responsible Sourcing of Construction Products	<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
-	INN Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL HPL	Up to 2 pts



Criterion	Requirement - RESOPAL product contribution - Documentation					
	RESPECT A CE	RTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.				
Daylighting	O: 1 pt R: 2 pts Ho: 1 pt	<ul> <li>Product eases natural lighting</li> <li>Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings.</li> <li>With its large range of over 300 decors (plain, wood, materials), RESOPAL HPL 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.</li> <li>Data Sheet - Surface Gloss and Surface Brightness - EN</li> </ul>				

# Hea 02 - Indoor Air Quality

Criterion	Requiremen	t - RESOPAL product contrib	ution - Document	ation					
	USE PRODUCTS WHOSE EMISSION LEVELS RESPECT CERTAIN THRESHOLDS: FORMALDEHYDE < 60 μg/m <sup>3</sup> , TVOC < 1000 μg/m <sup>3</sup> AND 1A AND 1B CARCINOGENIC SUBSTANCES < 1 μg/m <sup>3</sup> .								
		<b>Product with very low TVOC and formaldehyde emissions</b> Direct influence: RESOPAL HPL is a low-emitting material confirmed by a third-party testing institute. RESOPAL HPL complies with the strictest requirements in terms of indoor air quality, in accordance with the emissions criteria 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.							
			Regulation	туос		Formaldeh	yde		
					ONCENTRATI	 ONS (μg/m³) - ′S			
				limit	value	limit	value		
		RESOPAL HPL WALL SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	18		
		RESOPAL HPL TRACELESS PREMIUM ALL SCENARIOS	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3		
Emissions		RESOPAL HPL DOOR SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	4.3		
products	1 pt	NOTE: French VOC labelling In the framework of the French VOC label, Resopal measures VOC emission in accordance with the ISO 16000 standard. RESOPAL HPL has received the classification:							
					ONCENTRATI	 ONS (μg/m³) - ′S	<u></u>		
				limit	value	limit	value		
		RESOPAL HPL WALL SCENARIO	А	< 1500	< 2	< 60	18		
		RESOPAL HPL TRACELESS PREMIUM <b>ALL SCENARIOS</b>	A+	< 1000	< 2	< 10	< 3		
		RESOPAL HPL DOOR SCENARIO	A+	< 1000	< 2	< 10	4.3		
		<ul> <li>VOC Emission test report - Wall - RESOPAL HPL - EN</li> <li>VOC Emission test report - Door - RESOPAL HPL - EN</li> <li>VOC Emission test report - Wall - RESOPAL HPL Traceless Premium - EN</li> </ul>							



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## Mat 01 - Life Cycle Impacts

Criterion	Requiremen	t - RESOPAL 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	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>		
	INSTALL A CE	RTAIN NUMBER OF PRODUCTS WITH COMPLIANT ENVIRONMENTAL PRODUCT DECLARATIONS.		
Environmental Product Declarations (EPD)	1 pt	<ul> <li>Voluntary environmental product declaration by an independent organisation Direct influence: RESOPAL has carried out Life Cycle Analysis (LCA) for RESOPAL HPL in compliance with the DIN EN 15804:2012+A2:2019 standard.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>		

# Mat 03 - Responsible Sourcing of Construction Products

Criterion	Requiremen	Requirement - RESOPAL product contribution - Documentation					
	ENSURE THAT THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.						
Legal timber- based products	Prerequisite	<ul> <li>Wood environmental certifications</li> <li>Indirect influence: All our products can be either PEFC (PEFC/04-31-1353)</li> <li>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).</li> <li>NOTE: this criterion is also a prerequisite for the MAT03 - Responsible construction practices issue.</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> <li>Declaration European Timber Regulation (EUTR) - EN</li> </ul>					
		ERTAIN PERCENTAGE OF PRODUCTS SOURCED FROM A RESPONSIBLE CHANNEL: THE POINTS OBTAINED DEPENDS ON THIS PERCENTAGE VALUE.					
Responsible sourcing of construction products	Up to 3 pts	<ul> <li>Product sourced responsibly</li> <li>Direct influence: All our products can be either PEFC (TSUD-PEFC-COC-000086)</li> <li>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).</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> </ul>					

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Criterion	Requirement - RESOPAL product contribution - Documentation					
	FULFIL REINFORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.					
Examplary level of performance	Up to 2 pts	Earn examplary performance points with RESOPAL HPL Among the criteria that earn examplary performance points, two concern RESOPAL HPL: Mat 01 (1 pt): When the maximum score is reached in the LCA tool. Mat 03 (1 pt): When more products are sourced responsibly.				







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**REFURBISHMENT** 

# HIGH PRESSURE LAMINATE - RESOPAL® HPL 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 HPL fulfils the requirements and with which level of performance. The following pages outline each of the requirements, and detail how RESOPAL HPL is affected and meets them. At the end of the document you will find a clickable link allowing access to the documentation proofs.

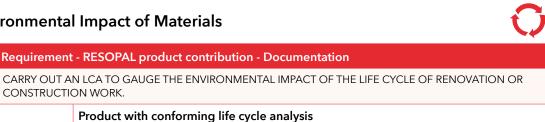
Section		lssue	Criterion - RESOPAL product contribution	Points
	<b>HEA</b> Health and Well-Being	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	Up to 3 pts
		Mat 01	<b>Option 1: Project life cycle assessment study</b> Mastering the environmental impact	Up to 6 pts
$\mathbf{Q}$	MAT	Environmental Impact of Materials	<b>Option 2: Elemental assessment of environmental</b> <b>performance information</b> Product with conforming life cycle analysis	Up to 4 pts
	Materials	Mat 03	Legal timber-based products Wood environmental certifications	Prerequisite
		Responsible Sourcing of Materials	<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
-	<b>INN</b> Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL HPL	Up to 4 pts



Criterion

Criterion	Requirement - RESOPAL product contribution - Documentation					
	RESPECT A CERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.					
Daylighting	Up to 3 pts	<ul> <li>Product eases natural lighting</li> <li>Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings.</li> <li>With its large range of over 300 decors (plain, wood, materials), RESOPAL HPL 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.</li> <li>Data Sheet - Surface Gloss and Surface Brightness - EN</li> </ul>				

# Mat 01 - Environmental Impact of Materials



	CONSTRUCTIO	ION WORK.			
Option 1 - Project life cycle assessment study	Up to 6 pts	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>Environmental Product Declaration (EPD) - EN</li> <li>Environmental Product Declaration (EPD) - background information - EN</li> </ul>			
Option 2 - Elemental	HAVE THE REL	EVANT ENVIRONMENTAL INFORMATION ON NEW PRODUCTS USED.			
assessment of environmental performance information	Up to 4 pts	Identical to option 1.			





## Mat 03 - Responsible Sourcing of Materials

Criterion	Requiremen	t - RESOPAL product contribution - Documentation			
	ENSURE THAT THE WOOD USED IN PRODUCTS IS LEGALLY SOURCED.				
Legal timber- based products	Prerequisite	<ul> <li>Wood environmental certifications</li> <li>Indirect influence: All our products can be either PEFC (PEFC/04-31-1353) or FSC®</li> <li>(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).</li> <li>NOTE: this criterion is also a prerequisite for the MAT03 - Responsible construction practices issue.</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> <li>Declaration European Timber Regulation (EUTR) - EN</li> </ul>			
	USE PRODUCTS SOURCED FROM A RESPONSIBLE SECTOR.				
Responsible Sourcing of Materials (RSM)	Up to 3 pts	<ul> <li>Product sourced responsibly</li> <li>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).</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> </ul>			

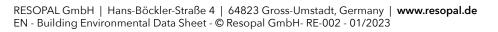




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				PAL product contribution - Documentation						
	FULFIL	REINFO	ORCED R	EQUIREMENTS ON SOME CRIT	FERIA FROM OTH	ER SECTIONS				
				Among the criteria that earn e	xamplary perform	ance points, t	hree conce	ern RESOPA	AL HPL.	
				Hea 02 - Indoor Air Quality (1 to 2 pts)						
				<b>Product with very low TVC</b> Direct influence: RESOPAL HP institute. RESOPAL HPL compl in accordance with the emissic Agency (EPA), the State of Cal other internationally known pu	L is a low-emitting y with the strictest ons criteria used b ifornia, the Germa	material conf requirements by the United S In Blue Angel	irmed by a in terms c itates Envir	of indoor air ronmental F	r quality, Protection	
		lucts)			Regulation	туос		Formalde	hyde	
		(proc					CONCENTRA AFTER 28 DA	TIONS (µg/m³) \YS	-	
псе		vels (				limit	value	limit	value	
rmai		on le		RESOPAL HPL WALL SCENARIO	ABG/AgBB	≤ 1000	< 5	≤ 100	18	
if perfo		o DC) emissic	OC) emissio	RESOPAL HPL TRACELESS PREMIUM <b>ALL SCENARIOS</b>	ABG/AgBB	≤ 1000	< 5	≤ 100	< 3	
ivel o	Up to			RESOPAL HPL DOOR SCENARIO		- 1000	_			
ا thary او	4 pts	ound (VC	2 pts	NOTE: French VOC labelli	ABG/AgBB	≤ 1000	< 5	≤ 100	4.3	
Exemplary level of performance	4 pts	organic compound (VC			<b>ng</b> n VOC label, Reso	pal measures '	VOC emiss	sions from i	ts produc ng	
Exemplary le	4 pts	atile organic compound (VC		<b>NOTE: French VOC labellin</b> In the framework of the French in accordance with the ISO 16	<b>ng</b> n VOC label, Reso 000 standard. RES	pal measures ' SOPAL HPL ha: TVOC MAXIMUM	VOC emiss s received	sions from i the followir Formalde TIONS (µg/m³)	ts produc ng :hyde	
Exemplary le	4 pts	Volatile organic compound (VOC) emission levels (products)		<b>NOTE: French VOC labellin</b> In the framework of the French in accordance with the ISO 16	<b>ng</b> n VOC label, Reso 000 standard. RES	pal measures ' SOPAL HPL ha: TVOC MAXIMUM	VOC emiss s received	sions from i the followir Formalde TIONS (µg/m³)	ts produc ng :hyde	
Exemplary le	4 pts	Volatile organic compound (VC		<b>NOTE: French VOC labellin</b> In the framework of the French in accordance with the ISO 16	<b>ng</b> n VOC label, Reso 000 standard. RES	pal measures \ SOPAL HPL ha: TVOC MAXIMUM MEASURED	VOC emiss s received	sions from i the followin Formalde TIONS (µg/m³) YYS	ts produc ng :hyde	
Exemplary Is	4 pts	Volatile organic compound (VC		<b>NOTE: French VOC labellin</b> In the framework of the French in accordance with the ISO 16 classification:	ng NOC label, Reso 000 standard. RES Classification	pal measures ' SOPAL HPL ha: TVOC MAXIMUM MEASURED limit	VOC emiss s received CONCENTRA AFTER 28 D/ value	sions from i the followir Formalde TIONS (µg/m³) XYS limit	ts produc ng •hyde - value	
Exemplary le	4 pts	Volatile organic compound (VC		NOTE: French VOC labellin In the framework of the French in accordance with the ISO 16 classification: RESOPAL HPL WALL SCENARIO RESOPAL HPL TRACELESS	ng n VOC label, Reso 000 standard. RES Classification	pal measures ' SOPAL HPL ha: TVOC MAXIMUM MEASURED limit < 1500	VOC emiss s received	sions from i the followin Formalde TIONS (µg/m³) YS limit < 60	ts produc ng •hyde - value 18	
Exemplary le	4 pts	Volatile organic compound (VC		NOTE: French VOC labellin In the framework of the French in accordance with the ISO 16 classification: RESOPAL HPL WALL SCENARIO RESOPAL HPL TRACELESS PREMIUM ALL SCENARIOS	ng NVOC label, Reso 000 standard. RES Classification A A+ A+ A+ RESOPAL HPL - EN - RESOPAL HPL - EN	pal measures SOPAL HPL has TVOC MAXIMUM MEASURED Iimit < 1500 < 1000	VOC emiss s received AFTER 28 DA value < 2 < 2 < 2 < 2	sions from i the followin Formalde TIONS (µg/m³) YYS limit < 60 < 10	ts produc ng :hyde :- Value 18 < 3	
Exemplary k	4 pts	-	2 pts	NOTE: French VOC labellin In the framework of the French in accordance with the ISO 16 classification: RESOPAL HPL WALL SCENARIO RESOPAL HPL TRACELESS PREMIUM ALL SCENARIOS RESOPAL HPL DOOR SCENARIO • VOC Emission test report - Wall • VOC Emission test report - Door	ng NVOC label, Reso 000 standard. RES Classification A A+ A+ RESOPAL HPL - EN - RESOPAL HPL - EN RESOPAL HPL - EN	pal measures ' SOPAL HPL has TVOC MAXIMUM MEASURED Iimit < 1500 < 1000 < 1000	VOC emiss s received AFTER 28 DA value < 2 < 2 < 2 < 2	sions from i the followin Formalde TIONS (µg/m³) YYS limit < 60 < 10	ts product ng :hyde :- Value 18 < 3	







✓ NEW CONSTRUCTION

REFURBISHMENT

# MELAMINE-FACED BOARD - RESOPAL® MFB 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, etc.) and to the materials, products and equipment within it. Depending on the certification, the table below shows how RESOPAL MFB<sup>1</sup> 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.

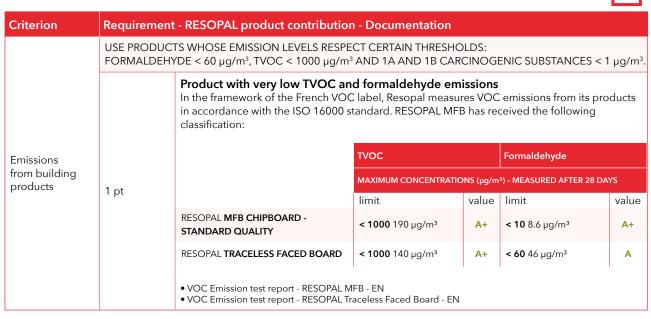
Section		lssue	Criterion - RESOPAL product contribution	Points
	HEA	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	O: 1 pt R: 2 pts Ho: 1 pt
	Health and Well-Being	Hea 02 Indoor Air Quality	<b>Emissions from building products</b> Product with very low TVOC and formaldehyde emissions	1 pt
		M-+ 04	Life Cycle Assessment (LCA) Product with conforming life cycle analysis	Up to 5 pts
$\mathbf{O}$	MAT	Mat 01 Life Cycle Impacts	<b>Environmental Product Declarations (EPD)</b> Voluntary environmental product declaration by an independent organisation	1 pt
	Materials	Mat 03	Legal timber-based products Wood environmental certifications	Prerequisite
		Responsible Sourcing of Construction Products	<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
- 🛬-	INN Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL MFB	Up to 2 pts

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



Criterion	Requirement - RESOPAL product contribution - Documentation					
	RESPECT A CI	RESPECT A CERTAIN DAYLIGHT FACTOR (DF) PERCENTAGE FOR A MINIMUM SURFACE AREA IN THE PROJECT.				
Daylighting	O: 1 pt R: 2 pts Ho: 1 pt	<ul> <li>Product eases natural lighting</li> <li>Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings.</li> <li>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.</li> <li>Data Sheet - Surface Gloss and Surface Brightness - EN</li> </ul>				

## Hea 02 - Indoor Air Quality



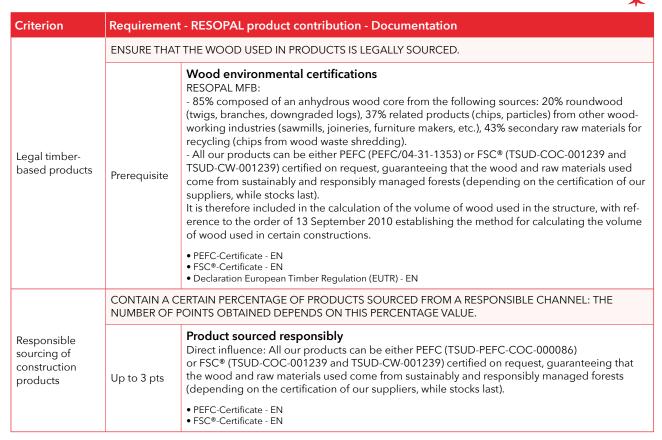




## Mat 01 - Life Cycle Impacts

Criterion	Requiremen	t - RESOPAL 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	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>FDES - RESOPAL MFB - Qualité Standard - FR</li> <li>FDES - RESOPAL MFB - Qualité Hydrofuge - FR</li> <li>EPD - RESOPAL MFB - Standard Quality - EN</li> <li>EPD - RESOPAL MFB - Moisture-Resistant Quality - EN</li> </ul>		
	INSTALL A CERTAIN NUMBER OF PRODUCTS WITH COMPLIANT ENVIRONMENTAL PRODUCT DECLARATIONS.			
Environmental Product Declarations (EPD)	1 pt	<ul> <li>Voluntary environmental product declaration by an independent organisation Direct influence: RESOPAL has carried out Life Cycle Analysis (LCA) for RESOPAL MFB in compliance with the DIN EN 15804:2012+A1:2014 standard.</li> <li>FDES - RESOPAL MFB - Qualité Standard - FR</li> <li>FDES - RESOPAL MFB - Qualité Hydrofuge - FR</li> <li>EPD - RESOPAL MFB - Standard Quality - EN</li> <li>EPD - RESOPAL MFB - Moisture-Resistant Quality - EN</li> </ul>		

# Mat 03 - Responsible Sourcing of Construction Products





Criterion	Requirement - RESOPAL product contribution - Documentation				
Examplary level of performance	FULFIL REINFORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.				
	Up to 2 pts	Earn examplary performance points with RESOPAL MFB Among the criteria that earn examplary performance points, two concern RESOPAL MFB: Mat 01 (1 pt): When the maximum score is reached in the LCA tool. Mat 03 (1 pt): When more products are sourced responsibly.			









NEW CONSTRUCTION

**REFURBISHMENT** 

# MELAMINE-FACED BOARD - RESOPAL® MFB INTERIOR FITTING

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

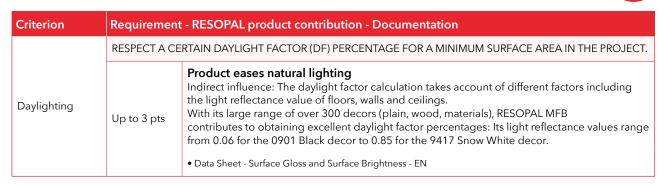
The technical scheme of the certification encompasses the requirements relating to the project itself (its implementation, function, architectural design, etc.) and to the materials, products and equipment within it. Depending on the certification, the table below shows how RESOPAL MFB<sup>1</sup> fulfils 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		lssue	Criterion - RESOPAL product contribution	Points
	<b>HEA</b> Health and Well-Being	Hea 01 Visual Comfort	<b>Daylighting</b> Product eases natural lighting	Up to 3 pts
Q	<b>MAT</b> Materials	Mat 01	Option 1: Project life cycle assessment study           Mastering the environmental impact	
		Environmental Impact of Materials	<b>Option 2: Elemental assessment of environmental</b> <b>performance information</b> Product with conforming life cycle analysis	Up to 4 pts
		Mat 03 Responsible Sourcing of Materials	Legal timber-based products Wood environmental certifications	Prerequisite
			<b>Responsible sourcing of construction products</b> Product sourced responsibly	Up to 3 pts
	INN Innovation	Inn 01 Innovation	<b>Exemplary level of performance</b> Earn examplary performance points with RESOPAL MFB	Up to 4 pts

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



Criterion



# Mat 01 - Environmental Impact of Materials



	CONSTRUCTION WORK.			
Option 1 - Project life cycle assessment study	Up to 6 pts	<ul> <li>Product with conforming life cycle analysis</li> <li>Indirect influence: Wall and ceiling coverings are among the obligatory elements to be included in the environmental impact calculation of the project.</li> <li>RESOPAL carries out Life Cycle Analysis (LCA) for its products and supplies the environmental product declarations required for this calculation.</li> <li>FDES - RESOPAL MFB - Qualité Standard - FR</li> <li>FDES - RESOPAL MFB - Qualité Hydrofuge - FR</li> <li>EPD - RESOPAL MFB - Standard Quality - EN</li> <li>EPD - RESOPAL MFB - Moisture-Resistant Quality - EN</li> </ul>		
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.		





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# 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	<ul> <li>Wood environmental certifications</li> <li>RESOPAL MFB: <ul> <li>85% composed of an anhydrous wood core from the following sources: 20% roundwood</li> <li>(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).</li> <li>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).</li> <li>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.</li> </ul> </li> <li>PEFC-Certificate - EN <ul> <li>FSC®-Certificate - EN</li> <li>Declaration European Timber Regulation (EUTR) - EN</li> </ul> </li> </ul>			
	USE PRODUCTS SOURCED FROM A RESPONSIBLE SECTOR.				
Responsible Sourcing of Materials (RSM)	Up to 3 pts	<ul> <li>Product sourced responsibly</li> <li>Direct influence: All our products can be either PEFC (TSUD-PEFC-COC-000086)</li> <li>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).</li> <li>PEFC-Certificate - EN</li> <li>FSC®-Certificate - EN</li> </ul>			





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### Inn 01 - Innovation

Criterion	Requi	rement - RESOPAL product contribution - Documentation							
Exemplary level of performance	FULFIL	IL REINFORCED REQUIREMENTS ON SOME CRITERIA FROM OTHER SECTIONS.							
	Up to 4 pts	compound (VOC) emission levels (products)	Up to 2 pts	Among the criteria that earn examplary performance points, three concern RESOP.					
				Hea 02 - Indoor Air Quality (1 to 2 pts)					
				<b>Product with very low TVOC and formaldehyde emissions</b> 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:					
'el of		nd (V( ucts)		туос			Formaldehyde		
ary lev		Volatile organic compound (V (products)		MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS					
Exempla					limit	value	limit	value	
				RESOPAL MFB CHIPBOARD - Standard Quality	<b>&lt; 1000</b> 190 μg/m³	A+	<b>&lt; 10</b> 8.6 μg/m³	A+	
				RESOPAL TRACELESS FACED BOARD	<b>&lt; 1000</b> 140 µg/m³	A+	<b>&lt; 60</b> 46 µg/m³	А	
				<ul> <li>VOC Emission test report - RESOPAL MFB - EN</li> <li>VOC Emission test report - RESOPAL Traceless Faced Board - EN</li> </ul>					
		Mat 01	Mat 01 (1pt) : When the maximum score is reached in the LCA tool.						
		Mat 03 (1pt) : When more products are sourced responsibly.							

