

Declaration of Performance

in accordance with Annex V of Regulation No. 305/2011



date of issue: 12.04.2013

revised: 01.06.2015

last printed: 17.06.2015

Number

No. 1040_001-CPR 2013 / 05 / 12

Unique identification code of the product-type

PAVATHERM-PLUS

Type, batch or serial number or other identifying mark to identify the construction product

Batch N°. as shown on the label

Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification

Insulation for the building envelope

Name, registered trade name or registered trade mark and contact address of the manufacturer

Pavatex SA

Route de la Pisciculture 37

1701 Fribourg

Switzerland

Name and contact address of the authorised representative

not relevant

System for assessment and verification of constancy of performance of the construction product

System 3

Notified body N° 0672

Otto-Graf-Institut Universität Stuttgart

Forschungs- und Materialprüfungsanstalt (MPA)

Pfaffenwaldring 4

D-70569 Stuttgart

The notified factory production control performed the initial inspection of the manufacturing plant, the factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control in accordance to EN 13171

Declared performance

EN 13171:2012, Thermal insulating products for buildings - Factory made wood fibre (WF) products
Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification

Title	Essential Characteristic	Performance	Test standard
Reaction to fire	4.2.6 Reaction to fire	E	EN 13501-1 EN 15715
Release of dangerous substances	4.3.15 Release of dangerous substances	NPD (a)	
Sound absorption	4.3.12 Sound absorption	NPD	EN ISO 354

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Sound absorption (for Flooring)	4.3.10 Dynamic stiffness	NPD	EN 29052-1
	4.3.11.1 Thickness dL	NPD	EN 12431
	4.3.11.3 compressibility	NPD	EN 1606
	4.3.13 Air flow resistance	AFr100	EN 29052
Mouldering performance	4.3.17 mouldering	NPD	–
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	$\lambda_d = 0.043 \text{ W/mK}$	EN 12667
	4.2.3 Thickness	T5 / Siehe Etikette / voire étiquette / see label	EN 1609
Short term water absorption	4.3.8 Water absorption	WS1.0	EN 1609
Water vapour transmission	4.3.9 Water vapour transmission	MU5	EN 12086
compressive strength	4.3.3 compressive strength	CS(10\Y)90	EN 826
	4.3.6 Point load	NPD	EN 12430
Durability of the reaction to fire under the influence of heat, weather conditions and aging	4.2.7 Reaction to fire	NPD	(b)
Durability of the Thermal resistance and thermal conductivity under the influence of heat, weather conditions and aging	4.2.1 Thermal resistance and thermal conductivity	NPD	
	4.3.2 Dimensional stability	NPD	EN 1604
	4.3.2.2 Dimensional stability at 70°C	NPD	EN 1604
	4.3.2.2 Dimensional stability at specified temperature and humidity	NPD	EN 1604
Tensile strength	4.3.5 Tensile strength parallel to faces	NPD	EN 1608
	4.3.4 Tensile strength vertical to faces	TR2.5	EN 1607
Durability of the compressive strength under the influence of aging	4.3.7 Long term compressive creep	NPD	EN 1606
a) NPD = no Performance declared			
b) The reaction to fire of this product does not change over time			

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The certification body N° 0672

also performed the factory production control and the continuous surveillance in accordance to EN 14964 : 2007

Intended use as foreseen of the construction product

Porose board for external use in non-load-bearing building element type SB.E in accordance to EN 622-4 : 2009

Declared performance

Thermal insulating products for buildings - Factory made wood fibre (WF) products according to the Norm: EN 14964 : 2007 Roofing Product - Characteristics

Title	Essential Characteristic	Performance	Test standard
Format and thickness	4.2. Dimension and tolerance	Type IL	EN 324-1, EN 324-2
mechanical properties	4.3.1.4 bending strength	≥ 0.8 N/mm ² (> 36 mm)	EN 310
flammability	4.3.2 reaction to fire	E	EN 13501-1
Water impermeability	4.3.3.3 impermeability	bestanden/réussi/passed	EN 12467
Water vapour transmission	4.3.4 vapour transmission	μ = 5	EN 12086
durability	4.3.5.3 durability	Dickenquellung/Gonflement/ Swelling < 6%	EN 317
Thermal resistance	4.3.6 Thermal resistance	1.35 m ² K/W 60 mm	EN 12664
		1.85 m ² K/W 80 mm	
		2.30 m ² K/W 100 mm	
		2.75 m ² K/W 120 mm	
		3.25 m ² K/W 140 mm	
		3.70 m ² K/W 160 mm	
		0	
0			
Sound insulation	4.3.7 airborne sound insulation	NPD (a)	EN ISO 140-3

a) NPD = no Performance declared

Cham the 17.06.2015

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