

Declaration of Performance

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



date of issue: 21.12.2016

revised:

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

Schweiz

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 certification body carried out the type testing under system 3.

Declared performance

EN 13171:2012+A1:2015, 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 harmonized technical specification

Title	Essential Characteristic	Performance	Test standard
Reaction to fire	4.2.6 Reaction to fire	E	
Release of dangerous substances	4.3.15 Release of dangerous substances	NPD (a)	
Sound absorption	4.3.12 Sound absorption	NPD	

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Sound absorption (for Flooring)	4.3.10 Dynamic stiffness	NPD	EN 13171:2012+A 1:2015
	4.3.11.1 Thickness dL	NPD	
	4.3.11.3 compressibility	NPD	
	4.3.13 Air flow resistance	AFr100	
Mouldering performance	4.3.17 mouldering	NPD	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	$\lambda_d = 0.043 \text{ W/mK}$	
	4.2.3 Thickness	T5 / Siehe Etikette / voire étiquette / see label	
Short term water absorption	4.3.8 Water absorption	WS1.0	
Water vapour transmission	4.3.9 Water vapour transmission	MU5	
compressive strength	4.3.3 compressive strength	CS(10\Y)90	
	4.3.6 Point load	NPD	
Durability of the reaction to fire under the influence of heat, weather conditions and aging	4.2.7 Reaction to fire	NPD	
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	
	4.3.2.2 Dimensional stability at 70°C	NPD	
	4.3.2.2 Dimensional stability at specified temperature and humidity	NPD	
Tensile strength	4.3.5 Tensile strength parallel to faces	NPD	
	4.3.4 Tensile strength vertical to faces	TR2.5	
Durability of the compressive strength under the influence of aging	4.3.7 Long term compressive creep	NPD	
a) NPD = no Performance declared			

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The certification body N° 0672

also carried out the type testing 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 14964 : 2007
mechanical properties	4.3.1.4 bending strength	≥ 0.8 N/mm ² (> 36 mm)	
flammability	4.3.2 reaction to fire	E	
Water impermeability	4.3.3.3 impermeability	bestanden/réussi/passed	
Water vapour transmission	4.3.4 vapour transmission	μ = 5	
durability	4.3.5.3 durability	Dickenquellung/Gonflement/ Swelling < 6%	
Thermal resistance	4.3.6 Thermal resistance	1.35 m ² K/W 60 mm	
		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	
		NPD	
		NPD	
Sound insulation	4.3.7 airborne sound insulation	NPD (a)	

a) NPD = no Performance declared

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