

Declaration of Performance

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



date of issue: 21.12.2016

revised:

Number

No. 1050_006-CPR 2013 / 05 / 12

Unique identification code of the product-type

PAVATHERM-COMBI PROTECT

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: Composed of wood fibre (WF) product EN 13171 and mineral board EN 15283-2

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 wood fibre (WF) product EN 13171

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	T4 / 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)80	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	TR5	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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System for assessment and verification of constancy of performance of the mineral board EN 15283-2

System 3

Declared performance

Mineral board in accordance with the harmonised technical specification EN 15283-2

Wesentliche Merkmale	Kurzzeichen (EN 15283-2)	Leistung	Harmonisierte technische Spezifikation
Brandverhalten	R2F	A2-s1, d0 A2fl	ETA 03/0050
Schubfestigkeit	↑↓	NPD	ETA 03/0050
Wasserdampfdurchlasswiderstandszahl	μ	13	ETA 03/0050
Wärmeleitfähigkeit	λ dry	0,32 W/mK	ETA 03/0050
Biegezugfestigkeit	F	erfüllt	ETA 03/0050
Luftschalldämmung	R	Siehe Dokumentation des Herstellers	ETA 03/0050
Stoßfestigkeiten	→		
Schallabsorption	α		

Albert Beeler

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