

Declaration of Performance

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



date of issue: 21.12.2016

revised:

Number

No. 1020_002-CPR 2013 / 05 / 12

Unique identification code of the product-type

PAVISO

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 Hardboard HB.H EN 13986

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	$\lambda_d = 0.047 \text{ W/mK}$	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)150	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	DS(70.-)2	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	TR30	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 hardboard HB.H EN 13986

System 4

Declared performance

Construction product in accordance with the harmonised technical specification EN 13986 and EN 622-2

Essential Characteristic	Performance			Test standard
	≤ 3.5 mm	> 3.5 - 5.5 mm	> 5.5 mm	
Tensile strength [N/mm ²]	0.6	0.6	0.3	EN 319
Tensile strength after boil test [N/mm ²]	0.3	0.3	0.25	EN 319, EN 1087
Bending strength [N/mm ²]	35	32	30	EN 310
Bending strength [N/mm ²]		>50		value measured
Swelling in thickness 24 h [%]	25	20	20	EN 317
Surface soundness [N/mm ²]	0.7			EN 311
Moisture content [%] a)	4-9			EN 322
Content of formaldehyde [mg/100g]	< 8			EN 120
Density [kg/m ³]	950			
Thickness tolerance [%]	10			EN 318
Length and with tolerance [mm]	± 5.0 / ± 3.0			EN 324
Squareness [mm/m]	≤ 2.0			EN 324

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Edge straightness tolerance [mm/m]	≤ 1.5	EN 324
Tolerance on the mean density [%]	± 10	EN 323
Reaction to fire	D-s2, d0	EN 13986
Water vapour transmission resistance value moist	25	EN 13986
Water vapour transmission resistance value dry	35	EN 13986
Water vapour transmission resistance value moist	122	value measured EN ISO 12572
Thermal conductivity [W/mK]	0.14	EN 13986
Soundabsorption 250 to 500 Hz	0.1	EN 13986
Soundabsorption 1000 to 2000 Hz	0.2	EN 13986
NPD = no Performance declared		

Albert Beeler

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Matthias Oelhafen

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