

Declaration of Performance

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



Date of Issue 18.02.2014 revised 18.02.2014
last printed 18.02.2014

No. 1100_004-CPR 2013 / 05 / 12

Unique identification code of the product-type

Wood Fibre Board

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

Diffuboard 40 / 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
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
für das Bauwesen (MPA)
Pfaffenwaldring 4
D-70569 Stuttgart

Notified factory production control certification body N° 0672 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

Insulation for the building envelope

Title	Essential Characteristic	Performance	Test standard
Reaction to fire	4.2.6 Reaction to fire	E (a)	EN 13501-1 / EN 15715
Release of dangerous substances	4.3.15 Release of dangerous substances	No performance declared	-
Sound absorption	4.3.12 Sound absorption	No performance declared	EN ISO 354
Sound absorption (<i>for Flooring</i>)	4.3.10 Dynamic stiffness	No performance declared	EN 29052-1
	4.3.11.1 Thickness dL	No performance declared	EN 12431
	4.3.11.3 compressibility	No performance declared	EN 1606
	4.3.13 Air flow resistance	AF 100	EN 29053

PAVATEX SA

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Mouldering performance	4.3.17 mouldering	No performance declared	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	$\lambda_d = 0.047$	EN 12667
	4.2.3 Thickness	40 mm	
Short term water absorption	4.3.8 Water absorption	WS1,0	EN 1609
Water vapour transmission	4.3.9 Water vapour transmission	MU 5	EN 12086
compressive strength	4.3.3 compressive strength	CS(10\Y)110	EN 826
	4.3.6 Point load	No performance declared	EN 12430
Durability of the reaction to fire under the influence of heat, weather conditions and aging	4.2.7 Reaction to fire	E	(a)
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	No performance declared	
	4.3.2 Dimensional stability	No performance declared	EN 1604
	4.3.2.2 Dimensional stability at 70°C	No performance declared	EN 1604
	4.3.2.2 Dimensional stability at specified temperature and humidity	No performance declared	EN 1604
Tensile strength	4.3.5 Tensile strength parallel to faces	No performance declared	EN 1608
	4.3.4 Tensile strength vertical to faces	TR10	EN 1607
Durability of the compressive strength under the influence of aging	4.3.7 Long term compressive creep	No performance declared	EN 1606
a) The reaction to fire of this product does not change over time.			

Cham den 18.02.2014

Pascal Ruedin
 Abteilungsleiter Qualität & Projekte

Volker Brombacher
 Leiter Technologiecenter