

Declaration of Performance (DoP) FiberTech Top wood fibre insulation

Reference number DoP: DOP_HBVS_48_EN_v1

Identification code of the product type

FiberTech Top

Intended use

Thermal insulation for buildings.

Certification

System of assessment and verification of the constancy of performance

System AVCP 3

Harmonised norm

EN 13171:2012

Identification number of the notified body

MPA Nordrhein-Westfalen – No. 0432

Declared performances

FiberTechTop 18-60

Table 1

Essential characteristics		Performance	Harmonised technical specification
Reaction to fire	4.2.6 Reaction to fire	Class E	EN 13171:2012
Release of dangerous substances to the indoor environment	4.3.15 Release of dangerous substances	NPD	
Acoustic absorption index	4.3.12 Sound absorption	NPD	
Impact noise transmission index (for floors)	4.3.10 Dynamic stiffness	NPD	
	4.3.11.1 Thickness dL		
	4.3.11.3 Compressibility		
	4.3.13 Air flow resistivity	AF, 100	
Direct airborne sound insulation index	4.3.13 Air flow resistivity	AF, 100	
Continuous Glowing combustion	4.3.17 Continuous	NPD	

	glowing combustion		EN 13171:2012
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal resistance see table 2 $\lambda_D 0,048$ W/(m*K)	
	4.2.3 Thickness	See product label	
	4.2.3 Thickness Class	T5	
Water permeability	4.3.8 Short term water absorption	WS1,0	
Water vapour permeability	4.3.9 Water vapour transmission	NPD	
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10/Y)200	
	4.3.6 Point load	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Thermal resistance see table 2 $\lambda_D 0,048$ W/(m*K)	

	4.2.7 Durability characteristics	NPD	
	4.3.2 Dimensional stability	NPD	
	4.3.2.2 Dimensional stability under specific temperature	DS(70,-)2	
	4.3.2.2 Dimensional stability under specific temperature and moisture	NPD	
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces	TR30	
	4.3.5 Tensile strength parallel to faces	NPD	
Durability of compressive strength against ageing/degradation	4.3.7 Compressive creep	NPD	

Table 2

Thickness d (mm)	22	24	35	52	60
Thermal resistance RD [(m ² *K)/W]	0,45	0,50	0,70	1,05	1,25

FiberTechTop 60-120

Table 1

Essential characteristics		Performance	Harmonised technical specification
Reaction to fire	4.2.6 Reaction to fire	Class E	EN 13171:2012
Release of dangerous substances to the indoor environment	4.3.15 Release of dangerous substances	NPD	
Acoustic absorption index	4.3.12 Sound absorption	NPD	
Impact noise transmission index (for floors)	4.3.10 Dynamic stiffness	NPD	
	4.3.11.1 Thickness dL		
	4.3.11.3 Compressibility		
	4.3.13 Air flow resistivity	AF, 100	
Direct airborne sound insulation index	4.3.13 Air flow resistivity	AF, 100	
Continuous Glowing combustion	4.3.17 Continuous glowing combustion	NPD	
Thermal resistance	4.2.1 Thermal resistance and	Thermal resistance	

	thermal conductivity	see table 2 $\lambda_D 0,046$ W/(m*K)	EN 13171:2012
	4.2.3 Thickness	See product label	
	4.2.3 Thickness Class	T5	
Water permeability	4.3.8 Short term water absorption	WS1,0	
Water vapour permeability	4.3.9 Water vapour transmission	NPD	
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10/Y)100	
	4.3.6 Point load	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Thermal resistance see table 2 $\lambda_D 0,046$ W/(m*K)	
	4.2.7 Durability characteristics	NPD	

	4.3.2 Dimensional stability	NPD	
	4.3.2.2 Dimensional stability under specific temperature	DS(70,-)2	
	4.3.2.2 Dimensional stability under specific temperature and moisture	NPD	
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces	TR10	
	4.3.5 Tensile strength parallel to faces	NPD	
Durability of compressive strength against ageing/degradation	4.3.7 Compressive creep	NPD	

Table 2

Thickness d (mm)	60	80	100	120
Thermal resistance RD [(m ² *K)/W]	1,30	1,70	2,15	2,60

The performance of the product identified here above is in conformity with the declared performance.

Jean-Pierre Noël
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General Manager
Hout-Bois van Steenberge NV

The Declaration of Performance is issued in conformity with Legislation (EU) n° 305/2011 under the sole responsibility of the manufacturer identified here below.

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Signed by the manufacturer:



Zottegem, 20 February 2023

NOVERPO Comm. V
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