

DECLARATION OF PERFORMANCE

No. AP2016-30

1.	Unique identification code of the product-type:	AEROGEL HP
2.	Intended use/es:	Thermal Insulation for Buildings -ThIB-
3.	Manufacturer:	ECOFINE S.r.l Via Padovana 206 – 37040 Arcole (VR)
5.	System/s of AVCP:	System 4
6a.	Harmonised standard: Notified body/ies:	EN 13162:2012+A1:2015 The System does not require the participation of notified bodies
7.	Declared performance/s:	
	Essential Characteristics	Performance
	Thermal resistance	-Thickness tolerance : T2 -d _N : 6 10 20 30 40 50 60 mm -R _D : 0,35 0,65 1,30 1,95 2,60 3,25 3,90 m ² K/W -Thermal conductivity λ _D : 0,015 W/mK
	Reaction to fire	- Reaction to fire : B/s1/d0
	Durability of reaction to fire against heat, weathering, ageing/degradation	-Durability characteristics : B/s1/d0
		EN 13162:2012+A1:2015

Durability of thermal resistance against heat, weathering, ageing/degradation	-Thermal resistance R _D : 0,35 0,65 1,30 1,95 2,60 3,25 3,90 m ² K/W	EN 13162:2012+A1:2015
	-Thermal conductivity λ _D : 0,015 W/mK	
	-Durability characteristics : DS(70,-)	
Compressive strength	-Compressive stress : CS(10)55 -Point load : NPD	
Tensile/ Flexural strength	-Tensile strength perpendicular to faces : TR5	
Durability of compressive strength against ageing/degradation	-Compressive creep : NPD	
Water permeability	-Long term water absorption : WL(P)	
	-Short term water absorption : NPD	
Water vapour permeability	-Water vapour diffusion resistance factor : MU13	
Impact noise transmission index (for floors)	- Dynamic stiffness : NPD	
	- Thickness, d _L : NPD	
	- Compressibility, c : NPD	
	- Air flow resistivity : NPD	
Acoustic absorption index	- Sound absorption : NPD	
Direct airborne sound insulation index	- Air flow resistivity : NPD	
Release of dangerous substances to the indoor environment	-Release of dangerous substances : NPD	
Continuous glowing combustion	- Continuous glowing combustion : NPD	
NPD = No Performance Determined		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Francesco Provoli – Designated Technical Manager
37040 Arcole VR
addi 15/12/2018



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