

DECLARATION OF PERFORMANCE  
No. AP2016-16

1.	Unique identification code of the product-type:	AEROGEL AL				
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:	EN 13162:2012+A1:2015				
	Notified body/ies:	The System does not require the participation of notified bodies				
7.	Declared performance/s:					
Essential Characteristics		Performance				Harmonized technical specification
Thermal resistance	-Thickness tolerance	: T2				EN 13162:2012+A1:2015
	-d <sub>N</sub> :	10	20	30	mm	
	-R <sub>D</sub> :	0,65	1,30	1,95	m <sup>2</sup> K/W	
	-Thermal conductivity λ <sub>D</sub>	: 0,015 W/mK				
Reaction to fire	- Reaction to fire	: F				
Durability of reaction to fire against heat, weathering, ageing/degradation	-Durability characteristics	: F				

Durability of thermal resistance against heat, weathering, ageing/degradation	-Thermal resistance R <sub>D</sub> : 0,65   1,30   1,95   m <sup>2</sup> K/W	EN 13162:2012+A1:2015
	-Thermal conductivity λ <sub>D</sub> : 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 : 27x10 <sup>12</sup>	
Impact noise transmission index (for floors)	- Dynamic stiffness : NPD	
	- Thickness, d <sub>L</sub> : 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		

La prestazione del prodotto sopra identificato è conforme all'insieme delle prestazioni dichiarate. La presente dichiarazione di responsabilità viene emessa, in conformità al regolamento (UE) n. 305/2011, sotto la sola responsabilità del fabbricante sopra identificato.

Firmato a nome e per conto del fabbricante da:

Francesco Provoli – Resp. tecnico ECOFINE S.R.L  
37040 Arcole VR  
addi 01/02/2019



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