

DECLARATION OF PERFORMANCE  
No. AP2016-18

1.	Unique identification code of the product-type:	AEROGEL-SW							
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:								
	<b>Essential Characteristics</b>	<b>Performance</b>					<b>Harmonized technical specification</b>		
	Thermal resistance	-Thickness tolerance : T2					EN 13162:2012+A1:2015		
		-d <sub>N</sub> :	10	20	30	40		50	mm
		-R <sub>D</sub> :	0,65	1,30	1,95	2,60		3,25	m <sup>2</sup> K/W
		-Thermal conductivity λ <sub>D</sub> : 0,016 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							



Durability of thermal resistance against heat, weathering, ageing/degradation	-Thermal resistance R <sub>D</sub> : 0,65   1,30   1,95   2,60   3,25   m <sup>2</sup> K/W	EN 13162:2012+A1:2015
	-Thermal conductivity λ <sub>D</sub> : 0,016 W/mK	
	-Durability characteristics : DS(70,-)	
Compressive strength	-Compressive stress : CS(10)70 -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 <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		

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** at **Arcole (VR)** on **14/04/2017**

