

Declaration of Performance

N° 27/20240724

01. Unique identification code of the product-type: **MOBIUS TH-C, MOBIUS TH-AD2-OG, MOBIUS TH-OP**
02. Intended use/es: Thermal Insulation for Building Equipment and Industrial Installation (ThIBELL).
03. Manufacturer: EVOCELL&MOBIUS S.r.l. , via Manzoni 43, 20121 Milano (MI), Italia
04. System/s of AVCP: 1 and 3
05. Harmonized Standard: EN 14304:2009+A1:2013
06. Notified Body/ies: Certification Body: CSI - 0497
Testing laboratory: CSI - 0497, FIW - 0751
07. Declared Performance/s

Essential characteristics		Performance	Harmonized technical specification		
Reaction to fire		B _L -s2,d0	EN 14304:2009+A1:2013		
Thermal resistance	Thermal conductivity	6-25mm		at 0 °C $\lambda \leq 0.033$ W/mK at 20 °C $\lambda \leq 0.035$ W/mK at 40 °C $\lambda \leq 0.037$ W/mK	
		30-50mm		at 0 °C $\lambda \leq 0.035$ W/mK at 20 °C $\lambda \leq 0.037$ W/mK at 40 °C $\lambda \leq 0.039$ W/mK	
Dimensional tolerance		See table 1 in the European Standard EN 14304, paragraph 4.2.2			
Water permeability		Water absorption - WS 01			
Water vapour permeability	Water vapour diffusion resistance	MU 10000 6-25mm			
		MU 7000 30-50mm			
Rate of release of corrosive substances		Trace quantities of water-soluble chloride ions and pH-value CL500 (≤ 500 ppm) / pH 7,0			
Durability of thermal resistance against high temperature		Maximum service temperature - ST(+) 110			
Release of dangerous substances		NPD			
Acoustic absorption index		NPD			
NPD No Performance Determined					

08. The performance of the product identified above is in conformity with the set of the 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:

Milano, 24/07/2024

Danilo Spinelli, Legal Representative

