

Declaration of Performance

N° 13/20240724

01. Unique identification code of the product-type: IT-FLEX SYSTEM COVER
 02. Intended use/es: Thermal Insulation for Building Equipment and Industrial Installation (ThIBEII).
 03. Manufacturer: EVOCELL&MOBIUS S.r.l. , via Manzoni 43, 20121 Milano (MI), Italia
 04. System/s of AVCP: 1 and 3; 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		Tubes: C _L -s2,d0 Sheets: C-s3,d0	EN 14304:2009+A1:2013
Thermal resistance	Thermal conductivity	Tubes 6-25mm at 0 °C $\lambda \leq 0.033$ W/mK	
		Tapes and Sheets at 20 °C $\lambda \leq 0.035$ W/mK	
		3-32 mm at 40 °C $\lambda \leq 0.037$ W/mK	
Thermal resistance	Thermal conductivity	Tubes 30-50mm at 0 °C $\lambda \leq 0.036$ W/mK	
		at 20 °C $\lambda \leq 0.038$ W/mK	
		at 40 °C $\lambda \leq 0.040$ W/mK	
Thermal resistance	Thermal conductivity	at 0 °C $\lambda \leq 0.034$ W/mK	
		Sheets 40-60 mm at 20 °C $\lambda \leq 0.036$ W/mK	
		at 40 °C $\lambda \leq 0.038$ W/mK	
Dimensional tolerance		See table 1 in the European Standard EN 14304, paragraph 4.2.2	
Water permeability		NPD	
Water vapour permeability		Water vapour diffusion resistance MU 10000	
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

