

Declaration of Performance

N° 01/20240724

01. Unique identification code of the product-type: **IT-FLEX C1**
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 6-60 mm: BL-s2,d0 Sheets 3-50 mm: B-s3,d0 Sheets 60mm: E		EN 14304:2009+A1:2013
Thermal resistance	Thermal conductivity	Tubes 6-25mm Sheets 3-32 mm	at 0 °C λ ≤0.033 W/mK at 20 °C λ ≤0.035 W/mK at 40 °C λ ≤0.037 W/mK	
		Tubes 30-60mm	at 0 °C λ ≤0.036 W/mK at 20 °C λ ≤0.038 W/mK at 40 °C λ ≤0.040 W/mK	
		Sheets 40-60 mm	at 0 °C λ ≤0.034 W/mK at 20 °C λ ≤0.036 W/mK at 40 °C λ ≤0.038 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 Tubes 6-19mm, Sheets 3-25mm MU 7000 Tubes 25-60mm and Sheets 30-60mm	
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

