

Declaration of Performance

N° 35/20240724

- 01. Unique identification code of the product-type: **IT-FLEX C1 SA, IT-FLEX C1 N3**
- 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 e 3
- 05. Harmonized Standard: EN 14304:2009+A1:2013
- 06. Notified Body/ies: Testing laboratory: CSI - 0497, FIW - 0751
- 07. Declared Performance/s

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Tape N3: B-s2,d0 Sheet 3-50 mm: B-s3,d0 Sheet 60 mm: E	EN 14304:2009+A1:2013
Thermal resistance Thermal conductivity	Tape N3: at 0 °C $\lambda \leq 0.033$ W/mK Sheet: 3-32 mm at 20 °C $\lambda \leq 0.035$ W/mK at 40 °C $\lambda \leq 0.037$ W/mK	
	Sheets 40-60 mm at 0 °C $\lambda \leq 0.034$ W/mK 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	Water absorption - WS 01	
Water vapour permeability	Water vapour diffusion resistance MU 10000 Tape N3, Sheets 3-25mm MU 7000 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

