

DECLARATION OF PERFORMANCE**No. 1020 - CPD – 010030388-12****Unique identification code of the product-type:*****ISOPIPE SOLAR TC Tubes and Sheets*****Intended use/es:*****ThIBELL : Flexible Elastomeric Foam, intended to be used as Thermal insulation for building equipment and industrial installations.*****Manufacturer:*****Isopipe SA, 26 Nafpliou str., 144 52 Metamorfosi, Athens, Greece
Plant: 68^o km Nat. Road Athens-Lamia, 34100 Ritsona, Halkida, Greece*****System/s of AVCP:*****3*****Harmonised standard:*****EN 14304:2009+A1:2013*****Notified body:*****NB 1020*****Declared performance/s:**

<i>Essential characteristics</i>	<i>Performance</i>
<i>Thermal Conductivity</i>	<i>-20°C - 0.031 W/mk 0°C - 0.033 W/mk 20°C - 0.035 W/mk 30°C - 0.036 W/mk</i>

Reaction To Fire	Tubes: EL Sheets: E
Durability of thermal resistance against ageing/degradation	Dimensional stability (1) Minimum service temperature ST(-) -50 (= -50°C)
Durability of thermal resistance against high temperature	Maximum service temperature ST(+) 110 (=110 °C)
Durability of reaction to fire against high temperature	(2)
Durability of reaction to fire against ageing / degradation	(2)
Compressive strength	(3)
Water permeability	NPD
Water vapour permeability / Water vapour diffusion resistance	10.000
Rate of release of corrosive substances	Cl- < 300ppm
Acoustic (absorption) index	NPD
Release of dangerous substances to the indoor environment	(4)
Continuous glowing combustion	(4)

1) The thermal conductivity of FEF does not change with time.

2) The fire performance of FEF does not change with time.

3) Compressive strength is not applicable for FEF products.

4) European test methods are under development

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.

Ritsona, 08/01/25

Signed for and on behalf of the manufacturer by:

Markati Athanasia,

Quality Assurance Manager

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