



DECLARATION OF PERFORMANCE

No. **0701010211-CPR-13**

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| <p>1. Product Type: Unique identification code of the product-type:</p> | <p>0701010211</p> |
| <p>2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):</p> | <p>K-Flex Solar HT, 6-25mm thk pipes (lot n° see label and product)</p> |
| <p>3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:</p> | <p>ThIBELL : Flexible Elastomeric Foam, intended to be used as Thermal insulation for building equipment and industrial installations</p> |
| <p>4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):</p> | <p>K-Flex Solar HT
L'Isolante K-Flex srl, Via Leonardo da Vinci 36,
20877 Roncello (MB), ITALY</p> |
| <p>5. Contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):</p> | <p>Not relevant</p> |
| <p>6. AVCP: System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:</p> | <p>System 3</p> |
| <p>7. Notified Body (hEN): In case of the declaration of performance concerning a construction product covered by a harmonised standard:</p> | <p>EN 14304, System 3: The notified body CSI S.p.a., identification number 0497, performed the determination of reaction to fire class on the basis of type testing under system 3 and issued test report(s) and/or product classification report: 0481/DC/REA/12_12</p> |
| <p>8. Notified Body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:</p> | <p>Not relevant</p> |

9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonized technical specification
Reaction to fire	E	EN 13501	EN 14304/2009
Acoustic absorption index	NPD	-	
Thermal resistance	$\lambda(0^{\circ}\text{C})$ (Declared)= 0,04 W/m ² K $\lambda(40^{\circ}\text{C})$ (Declared)=0,044 W/m ² K	EN 13787	
Water permeability	WS <0,1%	EN 13472	
Water vapour permeability μ	NPD	EN 12086	
Rate of release of corrosive substances	Cl<500ppm; pH=7±0,5	EN 13468	
Minimum Service temperature (Durability of thermal resistance against ageing/degradation)	-40°C	-	
Maximum Service Temperature (Durability of thermal resistance against high temperature)	150°C	EN 14706 EN 14707	

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance (DOP) is issued under the sole responsibility of the manufacturer identified in point 4.

Ecology, Health and Safety Information (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. **A safety data sheet** following article 31 (Requirements for Safety Data Sheets) of the same regulation **is not needed** to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet.

As required by article 33 of regulation (EC) No 1907/2006 (Duty to communicate information on substances in article) we declare as follows: Based on our current knowledge, this product does **not contain SVHC (substances of very high concern)** as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

Roncello, 01/07/2013

Signed for and on behalf of the manufacturer by:

L'Isolante K-Flex srl


Amedeo Spinelli, President