



The undersigned, representing the following manufacturer:

**L'Isolante K-Flex**  
**Via Leonardo da Vinci 36**  
**20877 Roncello (MB)**  
**ITALY**

Manufacturing Plant 1: L'Isolante K-Flex srl, Via Leonardo da Vinci 36, 20877 Roncello (MB), ITALY

herewith declare that the product family **K-Flex AL Clad**, is in conformity with the provisions of the following EC Directives when installed in accordance with the installation instructions contained in the product documentation:

**89/106/EEC Construction Products Directive**

and that the standards referenced below have been applied:

**EN 14304:2009, "Thermal insulation products for building equipment and industrial installations – Factory made flexible elastomeric foam (FEF) products – Specification"**

Provisions to which the product conforms:

Performances described in Annex ZA of standard 14304:2009 with Annex B and C of EN 13172:2008 and Section 5 of EN ISO 13787:2003

Requirement/Characteristic	Standard
Reaction to Fire	EN13501-1 EN13823 EN ISO 11925-2
Thermal Conductivity	EN 12667 EN ISO 8497 EN ISO 13787
Water Vapour Diffusion Resistance	EN ISO 12086 EN 13469
Maximum Service Temperature	EN 14706 EN 14707
Short Term Water Absorption	EN 13472
Rate of Release of Corrosive Substances	EN 13468

 L'ISOLANTE K-FLEX S.r.l.

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Cap. Soc. € 25.200.000 i.v.  
 Codice fiscale 09470180150  
 Partita IVA IT 02423640966  
 Reg. Impr. Monza e Brianza n. MB 094/0190150  
 R.E.A. 1868777

For products in System 1:

**Name and Address of Notified Certification Body:** Forschungsinstitut für Wärmeschutz e.V. München, Lochhamer Schlag 4, 82166 Gräfelfing, Germany; Notified body n° 0751

**Certificate Number:** 0751-CPD.2-002.0-01-02/12

For products in System 1 and 3:

**Name and Address of Notified Laboratories:**

- Forschungsinstitut für Wärmeschutz e.V. München, Lochhamer Schlag 4, 82166 Gräfelfing, Germany; Notified Body n° 0751
- Staatliche materialprüfungsanstalt Darmstadt, Grafenstraße 2, 64283 Darmstadt, Germany; Notified Body n° 1343
- CSI SPA, Via Lombardia 20, 20021 Bollate (MI), Italy; Notified Body n° 0497

Product properties table extract from Certificate of Conformity:

Product Name	Form	Thickness Range	Thermal Conductivity $\lambda_D$ at 0°C W/(m K) EN13787	Maximum Service Temperature	Water Vapour Diffusion Resistance	Fire Classification	Label Mark
K-Flex AL Clad	Sheets	3 mm to 25 mm	0.033	85°C	10 000	D <sub>s3,d0</sub>	FEF - EN14304 ST(+)85 - ST(-)40 - MU 10000 - WS01 - CL500 - pH7
K-Flex AL Clad	Sheets	> 25 mm to 50 mm	0.036	85°C	7 000	D <sub>s3,d0</sub>	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000 - WS01 - CL500 - pH7
K-Flex AL Clad	Tubes	6 mm to 25 mm	0.033	110°C	10 000	C <sub>1,s3,d0</sub>	FEF - EN14304 ST(+)110 - ST(-)40 - MU 10000 - WS01 - CL500 - pH7
K-Flex AL Clad	Tubes	> 25 mm to 50 mm	0.036	110°C	7 000	C <sub>1,s3,d0</sub>	FEF - EN14304 ST(+)110 - ST(-)40 - MU 7000 - WS01 - CL500 - pH7
K-Flex ST Duct AL Clad	Sheets	3 mm to 25 mm	0.033	85°C	7 000	D <sub>s3,d0</sub>	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000 - WS01 - CL500 - pH7
K-Flex ST Duct AL Clad	Sheets	> 25 mm to 50 mm	0.036	85°C	7 000	D <sub>s3,d0</sub>	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000 - WS01 - CL500 - pH7
K-Flex AL Clad ECO	Tubes	6 mm to 25 mm	0.038	120°C	3000	E	FEF - EN14304 ST(+)120 - ST(-)40 - MU 3000 - WS01 - pH7
K-Flex AL Clad Solar	Tubes	6 mm to 25 mm	0.038	150°C	3000	E	FEF - EN14304 ST(+)150 - ST(-)40 - MU 3000 - WS01 - pH7

Roncello, July 28<sup>th</sup> 2012

Amedeo Spinelli

L'Isolante K-Flex srl

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