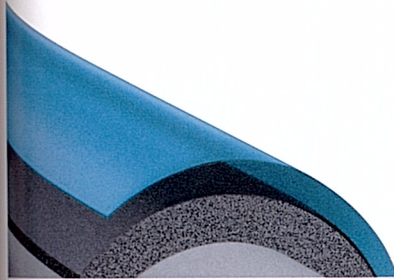


The K-FLEX COLOR coating is the result of numerous tests carried out by **BASF Coatings** to verify how the material reacts to corrosive substances, radiation from the sun and colour resistance over a period of years.

## BASF COATINGS

WOM 2000 hours DIN 53231	No significant alteration
HUMIDISTAT 800 hours ASTM D-2247	Elasticity remains the same
ADHESION 24 hours after HUMIDISTAT	Adhesion remains intact
UVC 2000 hours QUV/SE	No blistering, no separation, no significant alterations
H2O WASH	No alterations
H2O WASH PLUS SOAP FOR HANDS	No alterations
TEST WITH SOLUTION 1 DIN 53160/UAN-D1235/01	Elasticity and adhesion remain the same
TEST WITH SOLUTION 2 DIN 53160/UAN-D1235/01	Elasticity and adhesion remain the same
IMMERSION IN WATER 60 °C 800 hours	No blistering, no separation
CAUSTIC SODA CONTACT to 5% 2 hours	No alterations



Test reports show that BASF paint can be applied onto the surface of K-FLEX elastomeric insulation material and is suitable for both indoor and outdoor use.

## K-FLEX ST - TECHNICAL DATA

Temperature range	-200 °C max +105 °C
Thermal Conductivity $\lambda$ W/(m*K)	-20 °C = 0,034
EN 12667 (DIN 52612) - EN ISO 8497 (DIN 52613)	0 °C = 0,036*
	+20 °C = 0,038
Conductivity $\lambda$ W/(m*K) L10	+40 °C = 0,040 W/(m*K)
EN 12667 (DIN 52612) - EN ISO 8497 (DIN 52613)	
Corrosion risk	DIN 1988/7*; pH neutral
Permeability $\mu$ EN 12086 (DIN 52615)	$\geq 10000$ ***
Fire	Euroclass B, s3, d0 EN 13501-1 * Cl 1 (I)*, Brandkennziffer 5.2 (CH) BS 476 Part 6 1989 Cl. 0 (UK) - B1 DIN 4102 (DE)*, DIN 4102 TEIL 11 (Wand- und Deckendurchführung) NF - FEU 487 (FR)*, M1 (E)

\* Supervised by an independent Institute

\*\*\* Supervised permeability  $\mu \geq 7000$ , Individual certification  $\mu \geq 10000$

L'ISOLANTE K-FLEX reserve the right to change data and technical requirements without notice.

