

TECHNICAL DATASHEET
INSTALLATION INSTRUCTION

INSU-ROPE



PRODUCT CHARACTERISTICS

- Fire Protection
- Thermal Insulation
- Incombustible
- Sound Insulation
- Low Thermal Conductivity Coefficient
- Biological Stability
- Volume and Dimensional Stability
- Chemically Neutral
- Water Repellent
- Highly Flexible

TECHNICAL DATA

Fire Protection	
Working Temperature	< 750 °C / 1,382 °F
Melting Point	> 1000 °C / 1,832 °F
Range of Burn-retardant	AI (SIST EN 13501-1)
Demands for Fire Safety	Extraordinary High

Lower Thermal Losses	
Thermic Conductance	0.035 W/mK - 0.040 W/mK
Heat Capacity	840 J/kgK

Density
240 kgs/m ³

Sound Protection
Meets High Requirements

Performance		
Fire Resistance (Vertical Application)	EI 240	SIST EN 13501-2
Fire Resistance (Horizontal Application)	EI 240	SIST EN 13501-2

DIMENSION, PACKAGING

- Product Diameter: 12mm - 180mm
- Packing: In plastic bags, stacked onto pallet of 1200mm x 1200mm and other packing on demand
- Storage: Store in a dry place, protected against direct water contact

Step 1.

Remove all used and old insulation in the dilatation element and clean old concrete fragments on both sides.

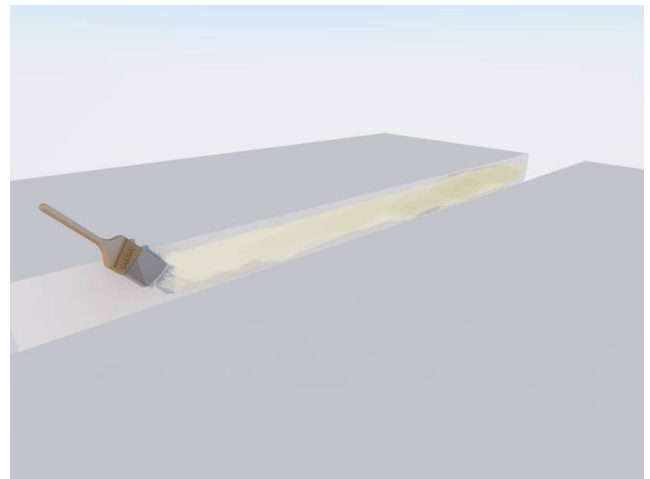
Note: both sides of dilatation element must be completely dry and dust free; if not - there is a risk of inappropriate installation.

Step 2.

Apply non-combustible adhesive to the proper height (same distance as insulation rope diameter is) on both sides of the dilatation element.

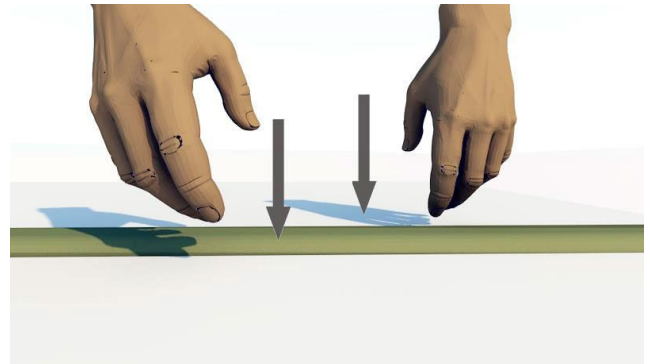
*to choose appropriate Insu-Rope diameter considering the gap in the dilatation element, please refer to the table below.

** the adhesive usage is not mandatory and it depends on the application of the ropes (please contact Genotek)



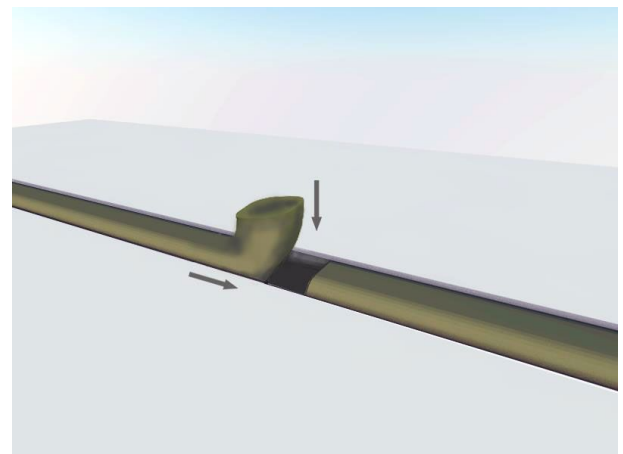
Step 3.

Insert Insu-Rope into the dilatation element and make sure it completely fits the part to which the adhesive is applied.



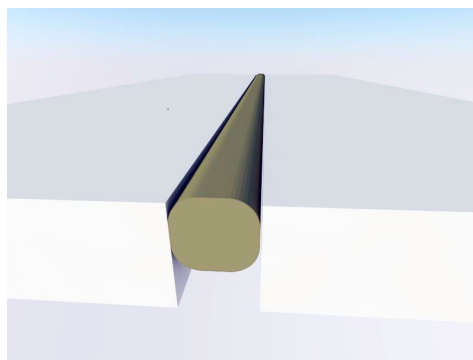
Step 4.

Make sure that endings of both ropes are installed one to another.



Step 5.

End of installation. Adhesive in the dilatation element is completely dry after 24 hours.



RECOMMENDATION TABLE PER JOINT TYPE:

OPENING GAP (mm)	INSU-ROPE DIAMETER (mm)
10	12
15	20
20	30
25	40
30	40
40	50
50	60
60	70
70	80
80	90
90	100
100	120
110	130
120	140
130	150
140	160
150	180