

PU FOAM

INSULATION & CONSTRUCTION FOAM

DESCRIPTION:

x'traseal® PU Foam is one component isolation and construction foam to fill and seal gaps between building materials. The foam cure by moisture in the air.

FEATURES:

- ◆ Easy to apply.
- ◆ Use 100% CFK & HCFK free ozone-friendly propellant.
- ◆ Excellent adhesion to metal, masonry, wood and most of the building materials.
- ◆ Cured foam can be cut, glued, painted and plaster over.

USES:

Fill gaps between walls, ceiling and floors.
Sealing for perimeter joints around windows and doorframes.
Sealing for joints around transit of wires and piping through walls and floors.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

NOT RECOMMENDED FOR:

Not for close construction environment.
Not for locations subject to continuous water immersion.
For outdoor use the foam surface must be paint to protect from UV-light.

JOINT DESIGN:

Joints must not wider than 4cm.
Wider joints and joint depth more than 5cm must be filled in multiple layers. Waiting time between applications 15-30 minutes.

Joint relation per application:

- 10mm width * 80mm depth
- 20mm width * 60mm depth
- 30mm width * 40mm depth
- 40mm width * 30mm depth

APPLICATION:

- ◆ Surface must be clean, free of dust, oil or grease.
- ◆ Surface to be made slightly damp with water spray.
- ◆ Shake aerosol container before use.
- ◆ Screw adaptor nozzle firmly onto the valve.
- ◆ Turn the aerosol container upside down and press the adaptor to apply foam.
- ◆ Clean off excess foam with thinner or acetone.
- ◆ After 24 hours, the cured foam can be cut, glued, painted and plaster over.

CURING TIME:

PU-foam will tack free in 7~15 minutes and will completely cured after 24 hours. Longer curing time may be necessary in dry and low humidity area.

SPECIFICATION:

Base	Polyurethane
Curing System	Moisture-cure
Tack-Free Time (min)	7~15
Drying Time	Dust-free after 20-25 min.
Cutting Time (hour)	1~1.5 (+25°C) 2~3 (-25°C)
Yield (L)	30~35
Shrink	None
Post Expansion	None
Cellular Structure	60~65% open cells
Specific Gravity (kg/m³)	14~17
Temperature Resistance	-40°C~+80°C
Application Temperature	+5°C~+35°C
Colour	Champagne
Fire Class (DIN 4102)	B3
Insulation Factor (Mw/m.k)	<40
Compressive Strength (kPa)	>100
Tensile Strength (kPa)	>25 (10%)
Adhesive Strength(kPa)	>70
Water Absorption (ML)	0.5~2(no epidermis) <0.5(with epidermis)



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STORAGE:

Material should be stored in a dry and cool place between +5^oc to +35^oc.

CAUTION:

Read and understand material safety data sheet of this product before handling or using.

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