

# 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% CFC free ozone-friendly propellant.
- ◆ Good adhesion to a wide variety of substrate like metal, masonry, wood and most of the building materials. (except PP, PE and Teflon)
- ◆ Cured foam can be cut, glued, painted and plaster over.
- ◆ Application temperature is between +5°C - +35°C. (Optimum temperature is +18°C - +30°C)

### USES:

- ◆ Installing, fixing and insulating of door and window frames.
- ◆ Filling and sealing of gaps, joint, openings and cavities.
- ◆ Connecting of insulation materials and roof construction.
- ◆ Bonding and mounting.
- ◆ Insulating the electrical outlets and water pipes.
- ◆ Heat preservation, cold and sound insulation.
- ◆ Packaging purpose, wrap the precious & fragile commodity, shake-proof and anti-pressure.
- ◆ Water resistant, and capable of creating waterproof barrier.

**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.  
 Not for PP, PE and Teflon

### APPLICATION:

- ◆ Shake the aerosol can for at least 40 seconds.
- ◆ Clean and moisten surfaces with a water sprayer prior to application.
- ◆ Fit the gun or plastic applicator on the adapter.
- ◆ Firmly screw the can on the adapter and turn the flow adjustment screw. Fill the holes and cavities.
- ◆ Bottom up during application. Foam will be tack free in about 10 minutes. Excess can be trimmed in about one hour.
- ◆ Fresh foam can be removed by using foam cleaner or acetone.
- ◆ Cured foam can only be removed mechanically.

### SPECIFICATION:

Base	Polyurethane
Curing System	Moisture-cure
Tack-Free Time (min)	9~10
Drying Time	Dust-free after 15-18 min.
Cutting Time (min)	70-80
Yield (L)	29
Shrink	None
Post Expansion	20%
Cellular Structure	>84 open cells
Specific Gravity (kg/m <sup>3</sup> )	15
Temperature Resistance	-50°C~+80°C
Application Temperature	+5°C~+35°C
Colour	White
Fire Class (DIN 4102)	B3
Insulation Factor (Mw/m.k)	0.042
Compressive Strength (kPa)	106
Tensile Strength (kPa)	140
Adhesive Strength (kPa)	95
Water Absorption (ML)	0.5~2 (no epidermis) <0.5 (with epidermis)
Shelf life	18 months

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**STORAGE:**

Material should be stored in a dry and cool place between +5<sup>o</sup>c to +35<sup>o</sup>c.

**CAUTION:**

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

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