

# FIRE STOP PU FOAM

**DESCRIPTION:**

**x'traseal® FIRE STOP PU FOAM** is a one component, self-expanding, ready-to-use, Multi-purpose Polyurethane foam. The foam will expand and cure by moisture in the air. It is used for a wide range of building applications. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation. It will stop burning when there is no fire contact. It is environmental friendly as it does not contain any CFC materials.

**FEATURES:**

- ◆ Very good filling capacities.
- ◆ High thermal and acoustical insulation.
- ◆ Application temperature between +5°C to +35°C.
- ◆ Optimal application temperature between +18°C to +25°C.
- ◆ High Bonding strength with B2 fire class in DIN4102 part 2.
- ◆ Excellent adhesion to a wide variety of surfaces such as UPVC, masonry, brick, block work, glass, steel, aluminum, timber and other substrates.
- ◆ Environmentally friendly. It contains CFC-free propellants which are harmless to the ozone layer.

**USES:**

- ◆ Bonding and mounting.
- ◆ Heat preservation, cold and sound insulation.
- ◆ Insulating the electrical outlets and water pipes.
- ◆ Application where fire retardant properties are required.
- ◆ 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.
- ◆ Packaging purpose, wrap the precious & fragile commodity, shake-proof and anti-pressure.

**NOT RECOMMENDED FOR:**

PE, PP and PTFE.

**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
Consistency	Stable Foam
Curing system	Moisture cure
Tack free time (Minutes)	7 - 15
Drying time	Dust free after 20 - 25
Curing time (Hours)	1 - 2 (25°C) 3 - 4 (-5°C)
Yield (L)	40 -45
Shrink	None
Post expansion	None
Cellular structure	90 - 95% close cells
Specific gravity (kg/m <sup>3</sup> )	20 - 25
Temperature resistance	-40°C - +80°C
Application temperature range	+5°C - +35°C
Colour	Champagne
Fire class (DIN 4102)	B2
Insulation factor (Mw/m.k)	<20
Compressive strength (kPa)	>180
Tensile strength (kPa)	>30 (10%)
Adhesive strength (kPa)	>120
Water absorption (ml)	0.3 - 8 (no epidermis) <0.1 (with epidermis)

**STORAGE:**

12 months in unopened packing store in temperature between +5°C to +25°C. Keep in cool, shade and well-ventilated area. Always keep the can with the valve pointed upwards.

**CAUTION:**

- ◆ Use in well-ventilated areas.
- ◆ Keep out of the reach of children.
- ◆ Do not burn or pierce even after use.
- ◆ Turn off sources of ignition (pilot light etc.).
- ◆ Wear suitable protective clothing, gloves and goggles.
- ◆ Keep away from heat, sparks, flames and static electricity.
- ◆ Keep away from direct sunlight and do not expose temperatures over 50°C.
- ◆ Do not breathe spray/vapor; In case of eye contact, flush with water and. get immediate medical attention.



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

