



Technical Data Sheet

SISTA POLYURETHANE FOAM

DESCRIPTION

Moisture curing one component polyurethane sealant.

APPLICATION FIELDS

A multi purpose material used for sealing out draft around doors and windows, fixing door and window frames to the walls, filling joints, cracks insulation by covering hot and cold pipes, fixing bathtubs in their place and all kinds of grouting and dilatation fugas. This material can be used for bonding, sealing and filling purposes. It ensures adhesion all construction materials excluding polyethylene, polypropylene, silicone and polytetrafluorethylene (Teflon).

ADVANTAGES

- Will not shrink, sag, or rot (registered patent EP0066830).
- Can be cut, sanded, plastered and painted.
- Resistant to water
- Non-toxic when cures.
- Ready to use, single component
- Moisture curing
- No damage to the ozone layer
- Rapid curing and contains flame retardant additive
- No expansion after curing

TECHNICAL PROPERTIES

Application temperature	: Should not be below 5°C. Foam cannot be cured below 50°C. Optimum application temperature is from 15°C to 25°C.
Foam expansion	: Approx. 100%-200%
Curing time	: At 20°C and high humidity approx. 1cm/hour. At low humidity and 20°C approx. 0,5cm/hour, at high humidity and 50°C approx. 0,5cm/hour. Open surfaced loses its adherence after 10 to 20 minutes.
Consumption	: 40-50 lt indoor, 25 lt outdoor
Adherence	: Foam adheres to all surfaces except polyethylene, polypropylene, silicone and polytetrafluorethylene (Teflon)
Cell structure after curing	: Closed cell
Temperature resistance	: -40°C to 100°C
Heat conductivity (DIN 52612)	: Approx. 0,04 W / mK (= 0,035 Kcal / mh°C)
Density (DIN 53420)	: 23 g / ml
Ventyl cleansing	: There is no need to clean approx. 30 minutes after the use. For longer periods, the material in the pipes can be dried and cleaned with the help of a wire or screw.

APPLICATION INSTRUCTIONS

The box is shaken 20-25 times and it is ensured that the material becomes homogenous. The box should be reversed and squeezed at an angle of approximately 45°C. Dosage can be adjusted by using the trigger. Surfaces should be clean and absorbent. Concrete surface should be slightly damped. When placing doorframes, interior wedge should be used in order to prevent foam-stretching wood. Appropriate joint width of the doorframes is 2 cm. Cured foam can be cut with any knife. Anything can be bonded on it and it can be painted.

PACKAGE

500 ml or 750 ml aerosol tube

SHELF LIFE

Must be stored in dry and cool places. Suitable storing temperature is 20°C. The shelf life is 18 months if stored in unopened-original package in proper conditions.

ATTENTION!

Since the box is compressed, keep away from temperatures over 50°C. During use, wear gloves. In case of contact with hand, it should be cleaned immediately with Sista PU Foam Cleaner and acetone. Cured foam can be removed from skin mechanically (in time).