SOUDAL

Technical Data Sheet

SOUDAFOAM X-TRA

Revision date: 20/02/2005

Technical data:

Base	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture cure
Skin formation	Ca. 8 minutes (20°C/65% R.H.)
Drying time	Dust free after 20-25 min. at 20°C
Curing rate	60 min for a 30mm bead (20°C/65% R.H.)
Yield	1000 ml yields 55 – 60 L cured foam
Shrink	None
Post expansion	None
Cellular structure	Ca 70-80 % closed cells
Specific gravity	Ca. 22 kg/m³ (extruded, fully cured)
Maximum distortion	25 %
Temperature Resistance	-40°C to +90°C when cured
Character of foam	Thixotropic, does not slump
Fire class (DIN 4102 part 2)	B3
Insulation factor	32 mW/m.K
Shear strength (DIN 53427)	Ca 16 N/cm²
Pressure strength (DIN 53421)	Ca 3 N/cm²
Bowing strength (DIN 53423)	Ca 8 N/cm²
Water absorption (DIN 53429)	1% Vol.

Product:
Soudafoam X-TRA with is one-component, self-expanding, ready-to-use polyurethane foam with CFC-free propellants, which are completely harmless to the ozone layer. In combination with the Soudal Mega Adapter the yield of cured flexible foam is increased by 75%. Due to the fact that there is virtually almost no expansion after extrusion “what you see is what you get”; therefore the application is much more efficient.

Characteristics:
- Excellent stability (no shrink or post expansion)
- Very good filling capacities
- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation values
- Precision in application
- No risk of jammed door- or window frames if substrates are properly moistened.

Application areas:
- Installation of window- and doorframes
- Filling of cavities
- Sealing of all openings in roof constructions
- Creation of a soundproof screen
- Mounting and sealing of window- and doorframes
- Connecting insulation materials and roof constructions
- Application of a soundproofing layer on motors
- Improving thermal insulation in heating and cooling systems

Packaging:
Aerosol can 750mL net

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Shelf life and storage:

- 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.
- Always store can with the valve pointed upwards

Application:

Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. The aerosol can can be used in all directions. Remove pressure from the applicator to stop. Fill holes and cavities for 80 %, as the foam will expand.
Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using Soudal Foamcleaner or acetone. Cured foam can only be removed mechanically. Working temperature 5°C to 35°C. (20°C-25°C recommended)

Health and safety recommendation:

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away
- Consult the label for more information.

Remarks:

- Cured PU-foam must be protected from UV-radiation by painting or applying a top layer of sealant (silicone, MS Polymer, acrylic and PU-sealant)