

Adawall Expanding Foam

Product

Non shrink CFC-free propellant Polyurethane stable foam, thixotropic, moisture cured foam yielding 30 litres foam per 750ml. Skin formation time 8 minutes (20°C/65% R.H.) with a dust free drying time of 20-25 mins at 20 deg C

Curing rate 1,5 h for a 30mm bead (20°C/65% R.H.)

Cellular structure Ca 70-80% closed cells

Specific gravity Ca. 27 kg/m³ (extruded, fully cured)

Temperature resistance -40°C to +90°C when cured

Fire class (DIN 4102 part 2) B2

Insulation factor Ca. 30 mW/m.K

Shear strength (DIN53427) Ca 14/cm²

Pressure strength (DIN53421) Ca 3/cm²

Bowing strength (DIN53423) Ca 7/cm²

Water absorption (DIN53429) 2% Vol

Characteristics:

- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)

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 of insulation materials and roof constructions
- Application of a soundproofing layer on motors
- Improving thermal insulation in cooling systems

Packaging:

Aerosol can 750 ml

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. Remove pressure from the applicator to stop. Fill holes and cavities for 50 %, 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 Foam cleaner 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 and wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away

Remarks:

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

Approvals:

Fire Class B2 to DIN 4102-Part 2: