



ARC HAND HELD EXPANDING FOAM

DESCRIPTION

Arc Hand Held Foam is a one-component, self-expanding ready to use Polyurethane foam with CFC-free propellants, which are completely harmless to the ozone layer.



TECHNICAL DATA

Base	Polyurethane
Consistency	Stable foam
Curing system	Moisture-cure, thixotropic
Skin formation	Ca. 8 minutes (20°C/65% R.H.)
Drying time	Dust free after 20-25 min. at 20°C
Curing rate	1,5 h for a 30 mm bead (20°C/65% R.H.)
Yield	1000 ml yields 35 L cured foam
Shrink	None
Post expansion	None
Cellular structure	Ca 70-80% closed cells
Specific gravity	Ca 25 g/m ³ (extruded, fully cured)
Temperature resistance	-40°C until +90°C when cured
Colour	champagne
Fire Class (DIN 4102 part2)	B3
Insulation Factor	33 mW/mK
Shear Strength (DIN53427)	17 N/cm ²
Pressure Strength (DIN53421)	3 N/cm ²
Bowing Strength (DIN53423)	7 N/cm ²
Water Absorption (DIN53429)	1% Vol.
Acoustic Rating	RST,W= 58dB

CHARACTERISTICS

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

APPLICATION EXAMPLES

- Installation of Window and door frames
- Filling of cavities
- Sealing of all openings in roof constructions
- Creation of a soundproof screen
- Mounting and sealing of window and doorframes
- Connection of insulation materials and roof constructions
- Application of a soundproofing layer on motors
- Improving thermal insulation in cooling systems



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PACKAGING

Aerosol Can 750ml

SHELF LIFE & STORAGE

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

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. (20-25°C recommended).

HEALTH & SAFETY RECOMMENDATIONS

- Apply the usual industrial hygiene
- Wear gloves & safety goggles
- Removed cured foam by mechanical means only – never burn away
- Consult the label for more information

REMARKS

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



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PRECAUTIONS

For more information and precautions, refer to the safety data sheet.

NOTE

The information contained in this spec sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

The user must ensure the product's suitability for the application intended and if in doubt should seek a written technical specification for the product's application.

So our guarantee is limited to ensure the quality of our products, according to our quality standards.