B1 Fire Rated Expanding Foam

750ml

Product Code: AS00101

Pack Quantity: 1

Hand Held FIRE RATED one component, expanding polyurethane foam filler. Rapid curing. Excellent thermal and acoustic insulation properties. Excellent primerless adhesion on most construction materials.

KEY FEATURES

- 750ml
- Fire rated polyurethane foam filler
- Excellent stability, no shrinkage or post expansion
- High filling capacity
- Good adhesion on all surfaces (except PE, PP and PTFE)
- High insulation value, thermal and acoustic
- Very good bonding properties
- Not UV-resistant
- Freon free, not harmless to ozone layer and greenhouse effect
- Acoustic rating - 58 dB
- Insulation factor - 36mW/mK

SPECIFICATION

Base:	Polyurethane	
Consistency:	Stable foam, thixotropic	
Curing system:	Moisture curing*	
Skin formation:	8.5 minutes*	EN 17333-3
Cutting time:	65 minutes	EN 17333-3
Thermal conductivity (λ):	0.035 W/m.K	EN 17333-5
Sound insulation:	58 dB	EN ISO 717-1
Density:	ca. 40 kg/m³	EN 17333-1
Fire reaction class:	B1	DIN 4102
Joint yield:	750 ml yields ca. 22 m of foam	EN 17333-1
Box yield:	750 ml yields ca. 22 l of foam	EN 17333-1
Shrinkage after curing:	< 5%	EN 17333-2
Expansion after curing:	None	EN 17333-2
Expansion during curing:	ca. 135%	EN 17333-2
Percentage closed cells:	ca. 70%	ISO 4590
Compression strength:	ca. 37 kPa	EN 17333-4
Shear strength:	ca. 43 kPa	EN 17333-4
Tensile strength:	ca. 78 kPa	EN 17333-4
Elongation at Fmax:	ca. 23%	EN 17333-4
Water absorption:	ca. 0.20 kg/m²	ISO 29767
Temperature resistance:	-40°C → +90°C	

**Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.*

CONFORMITY

EN 1366-4 Fire resistance, up to 4 hours depending on joint configuration

Fire class DIN 4102 B1

APPLICATIONS

- Filling and insulating of mechanically fixed window - and doorframes
- Filling of cavities
- Sealing of all openings in roof constructions
- Improving thermal isolation in cooling systems
- Apply of an acoustic baffle

HEALTH & SAFETY RECOMMENDATIONS

- Take the usual labour hygiene into account
  Consult the packaging label and safety data sheet for more information
- Always wear gloves and goggles
- Remove cured foam mechanically, Never burn away
- Use only in well-ventilated areas

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REMARKS

- Moisten surfaces with a water sprayer prior to application
- If you have to work in layers repeat moistening after each layer
- For not common surfaces we recommend an adhesion test

APPLICATION METHOD

Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. For non-conventional substrates a preliminary adhesion test is recommended. Remove pressure from the applicator to stop. Fill holes and cavities for 1/3, 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 Gun & Foamcleaner. Prior to using the Gun & Foamcleaner, test whether surfaces are affected or not. Especially plastics and lacquer or paint layers can be sensitive to this. Cured foam can onlybe removed mechanically or with PU-Remover.

- Can temperature: +5 °C to +30 °C
- Ambient temperature: +5 °C to +35 °C
- Surface temperature : +5 °C to +35 °C

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