

BR One-component polyurethane foam, B3 fire resistance class



TECHNICAL DATA SHEET



Description

BR02: is a one-component polyurethane foam, in gun can; it is suitable for mounting, sealing, filling and insulating in constructions. Application by special gun enhances rapidity and precision during installation and increase the effectiveness of the foam. The cured foam ensure a good thermal and acoustic insulation. The foam is mould proof, resistant to high and low temperatures, humidity and aging. BR03 foam shows a good adhesion on most common building material such as concrete, masonry, plaster, PS foam, PVC, metals, wood, other polyurethane foam.

BR03: is a one-component polyurethane foam, in manual can; it is suitable for mounting, sealing, filling and insulating in constructions. Application by special gun enhances rapidity and precision during installation and increase the effectiveness of the foam. The cured foam ensure a good thermal and acoustic insulation. The foam is mould proof, resistant to high and low temperatures, humidity and aging. BR03 foam shows a good adhesion on most common building material such as concrete, masonry, plaster, PS foam, PVC, metals, wood, other polyurethane foam.

Item code		Contents (ml)
BR 02 00 750	in gun can	750
BR 03 00 750	in manual can	750

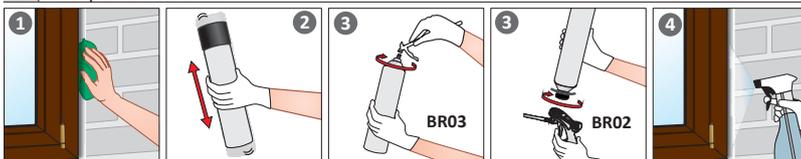
Technical features

Content	Isomer and homologue of 4,4'-diphenyl diisocyanate , dimethyl ether, propellant.	
Colour	straw yellow	
Flammability index	[-]	B3 (DIN 4102)
Installation temperature	[°C]	da +5 a +30
Allowable can temperature	[°C]	da +15 a +30
Tack-free time	[min]	< 10 a +23[°C] e 50% di umidità relativa
Can be cutted after	[min]	< 40 a +23[°C] e 50% di umidità relativa
Curing time	[h]	24
Post expansion	[%]	100 - 160
Temperature resistance	[°C]	da -50 a +90 dopo la polimerizzazione
Density	[g/cm ³]	0,018 - 0,022
Dimensional stability	[%]	< 8 a 23[°C], 50% di umidità relativa e dopo 24 [h]
Water absorption	[%]	2,5 dopo 24 [h]
Compressive strength	[Mpa]	0,05
Tensile strength	[Mpa]	0,14
Thermal conductivity	[W/mK]	0,036
Solvent	[-]	Acetone
750 ml Yield	[l]	fino a 42
Acoustic insulation	dB	58

Safety data sheet available on www.tecfi.it

Installation

- 1 To be used on clean surfaces free of friable parts, dust and grease
- 2 Shake well before use
- 3 Remove the cap and attach the nozzle (BR03) / attach the gun (BR02)
- 4 Dampen the surfaces



Application

- 1 Keep the can upside-down during extrusion
- 2 Fill the Void up to 30 - 70 % of the empty space
- 3 After curing, cut the excess of foam if needed
- 4 After curing, protect the cured product against UV
- 5 If, after extruding part of the product, the can is not used for more than 15 minutes, clean the valve



Cleaning

- 1 Clean with the professional cleaner BRP01. Once cured, the product can be removed only mechanically



BRP 01
Professional
Cleaner



BS 01
Professional gun for
polyurethane foam (BR02)

NOTE: The product do not adhere to PE, PP, Silicone and PTFE