

BRIK-CEN SP-127

DESCRIPTION

Mono component polyurethane foam which cures with ambient humidity.

PROPERTIES

- ✓ Application temperature between +5°C to +40 °C
- ✓ Ideal can temperature +20-+25°C
- ✓ Temperature resistance -40°C to + 90 °C
- ✓ High quality
- ✓ Good thermal and acoustic insulation
- ✓ Can be cut, sanded, covered with an other material when hardened.

APPLICATIONS

- For its use in construction to seal, fill, mount, insulate and fix (electrical outputs, firewall doors, strongboxes), specially used for applications where a high fire resistance is required.



CLASSIFICATION OF FIRE RESISTANCE
CLASSIFICATION OF FIRE RESISTANCE (EN 13501-2:2009) EI 180 V-X-F-W 10 to 30
CLASSIFICATION OF FIRE RESISTANCE (EN 13501-2:2009) EI 240 V-X-F-W 10
V: VERTICAL JOINT X: NO MOVEMENT JOINT F: TYPE OF SPLICES, FIELD W: JOINT WIDTHS RANGE IN mm

Fire resistance (EN 1366-4): 229 min

Packaging	Capacity	Box quantity	Best before
Can	750 ml	12 units	18 months

**Please contact us regarding the availability of other colors and packaging.*



TECHNICAL INFORMATION

Properties	Method	Unit	Value
Color			Red
Density		Kg/m ³	20-25
Expanded volume/yield (can 750ml)		liters	18-22
Pressure resistance	DIN 53421	MPa	40-45
Tack free time 18°C/60%HR		min	0,04-0,05
Cutting time d=3cm (18°C/60%HR)		min	5-10
Curing time		hours	20-25
Water absorption	DIN 53428	%	Max 1% by volume
Tensile strength	DIN 53455	MPa	0,07-0,08
Elongation (at break)	DIN 53455	%	15-20
Thermal conductivity(20°C)	DIN5261 2	W/ mk	0,029
Flammability class	DIN 4102		B3 PART 1

ADHESION

Excellent adhesion on general building materials such as wood, concrete, bricks, tiles, metals and aluminium.

CLEANING

Fresh surplus of foam can be removed with the solvent cleaner BRIK-CEN S-131.

Once cured, the product can be removed mechanically.

RECOMMENDED ACCESSORIES

BRIK-CEN P-130 Gun



BRIK-CEN SP-131 Cleaner



DIRECTIONS FOR USE

- The surfaces on which the foam is to be applied must be clean, free of dust and grease.
- Prior to application, it is advisable to spray the surface or substrate with water for improved adhesion, reticulation and curing of the foam.
- The temperature of can at work must be 20 - 25°C (which is the recommended temperature) . At lower temperature put the aerosol in warm water (max. T=40°C) for about 20 minutes.
- Before use shake the aerosol thoroughly (approximately 20 times).
- Application with recommended gun BRIK-CEN P-130
- Screw the foam aerosol onto the application gun, holding the can UPSIDE DOWN, and activate by pulling on the trigger.
- Regulate the flow rate with the adjustment screw on the back side of the gun.
- When removing an empty can, fit the new foam can immediately in order to prevent that foam can harden inside the gun. At short work interruptions the screw on the back side of the gun must be tightened. Cured foam only allows mechanical removal.
- Fill space partially full to allow foam to expand, approximately 2 to 3 times the applied volume. Should gaps be larger than 5 cm, apply the foam in layers. Ensure to apply the second layer when the first one has fully cured.
- After use, always clean the gun with the polyurethane foam cleaner BRIK-CEN S-131, replacing the foam bottle with the cleaner.

HEALTH AND SAFETY

Safety data sheet available upon request of the client.

Note

The information contained in this document, as well as our technical advice whether verbal or written, is the result of our experience with the product and should be considered as collaboration without compromise, since the use and / or final application of our adhesives is beyond our control, declining all liability for improper use. The customer is responsible to confirm and evaluate prior to use, by trial or test the product conforms to required employment. So our guarantee is limited to ensure the quality of our products, according to our quality standards.

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