

FORSAFOAM NBS GREY

PU gun foam for filling, sealing, bonding and insulating.



Packaging	12 x 750 ml per box - 56 boxes/pallet
Colour	Concrete grey
Shelf life	12 months in original packing in cool and dry conditions between +5°C and +30°C. Store and transport can upright.
Safety	Please consult Safety Data Sheet online

PROPERTIES

- The foam has a concrete grey color
- Excellent insulation values
- CFC- and HCFC- free (ozon friendly)
- Very low curing pressure
- Temperature resistant (between -50°C and +90°C)
- Can be painted or plastered

APPLICATIONS

- Ideally for sealings between concrete structures. Due to its grey color, the foam has an unobtrusive appearance.
- Ideal for filling, sealing and insulating:
 - Structural space between window- and door frames
 - Gaps and cavities around exterior door frames
 - Small brickwork cavities, service pipe inputs and similar gaps...
- Excellent adhesion to concrete, masonry, stone, plasterwork, wood, fibre ce-ment, metals and plastics, such as polystyrene, polyester and rigid PVC. No adhesion to polyethylene, silicone, oils and grease, die release agents and similar substances.

MANUAL

- **Preparation:** Use only in well-ventilated areas. Surfaces should be clean and free of dust and grease. Substrates must always be pre-moistened, as foam expands due to humidity. Chilled cans must be carefully warmed up in lukewarm water before usage. However the can must not be heated above +50°C, as there is a risk of bursting. Cans which are too hot must be cooled in water. The can should be shaken occasionally during this process to obtain the required temperature faster.
- **Application:** The can must be shaken thoroughly 20 times before use. Attach the can to the NBS gun. The can is held upside down while extruding the foam. Joints and cavities should only be filled 60-70%. Moistening substrates with a fine water spray helps and accelerates curing. When filling deep holes and joints the foam should be applied in layers moistening after each layer is recommended. Keep the foam can with gun upright after use.

TECHNICAL DATA

Base	Polyurethane
Curing system	Under the effect of atmospheric humidity
Foam Yield	40-45 l
Fire class (DIN 4102-1)	B3
Tack free (TM 1014)	6-10 min.
Cutting time (TM 1005)	< 30 min.
Completely cured in joint 3x5 cm	< 8 h
Application temperature	+5°C to +30°C (Optimal at 20°C)
Can temperature during use	+5°C to +25°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
Tensile strength (TM 1018, moistened surfaces)	> 6 N/cm ²
Compression strength (TM 1011, moistened surfaces)	> 0,5 N/cm ²
Thermal conductivity (EN 12667, TM 1020)	0,033W/(m.K)

Technical data according to test methods approved by FEICA. These test methods are designed to provide transparent and reproducible test results, giving an accurate representation of product performance. The FEICA OCF test methods are available at <http://www.feica.eu/our-industry/pu-foam-ocf.aspx>. FEICA is the multinational association representing the European adhesive and sealant industry, including the producers of one-component foam manufacturers. More information at www.feica.eu.

LIMITATIONS

- Does not adhere to PE, PP, PTFE, silicone, oil, grease and similar surfaces.
- Not UV resistant.
- Not for window- and door frames installation without additional mechanical fixing measures.

TECHNICAL APPROVEMENTS



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).