

Glue Foam 52



Very low expansion polyurethane gun foam for adhesion & filling

» Low expansion

KRAFT GLUE FOAM 52 is a one-component, solvent-free polyurethane foam of low expansion, for professional use. It dries when exposed to air humidity. It is used for welding polystyrene thermal insulation boards on concrete, plaster and masonry surfaces. It features low expansion, and it is easy to use and apply. It also provides excellent adhesion on plasters, bricks, mortars, asphalt, wood, hardboard, gypsum, cardboard, and metallic surfaces. It is suitable for both interior and exterior usage. When hardened it withstands temperatures between -40°C and +90°C.

» High thermal and acoustic insulation

» Excellent adhesion on most materials

TECHNICAL DATA

Appearance	Viscous mixture which turns into a foam on release from the canister and polymerizes by absorbing moisture from the atmosphere
Base	Polyurethane
Odor	Slight characteristic odor during polymerization. After polymerization it is odorless.
Density (cured foam)	32 – 40 Kg/m ³
Surface membrane formation time	7 – 8 min (20°C, RH>30%)
Drying time	1h/RH 93%, 18h/RH 15%, max 24h
Thermal conductivity (DIN 52612)	0,03 W/mK
Water absorption of polymerized foam (DIN 53428)	Max 1% vol.
Tension at break (DIN 53455)	0,07 MPa
Elongation max. (DIN 53455)	20%
Application temperature	+5°C up to +35°
Fire Class (DIN 4102)	B2

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APPLICATION INSTRUCTIONS

- » Before use, the canister must be kept at room temperature for 12 hours at least. Shaking is also required for about 15 seconds before use.
- » Apply using the dedicated professional gun for PU foams. Before use, grease the gun with lubricant or with Teflon spray. Place and screw the glue canister on the gun. Adjust the flow rate by twisting the screw at the back of the gun.
- » The surface must be clean and free of dust.
- Apply the foam around the perimeter of the thermal insulation board, leaving a 5cm margin from the edges, in consecutive stripes of 10-12 mm width, keeping a 30 cm distance between them.
- » After 30-40 minutes anchors can be placed to mechanically support the system. The thermal insulation boards should be supported at the lower part by starting panels to avoid sideslip from the wall. In case gaps appear in between the thermal insulation boards, fill them to eliminate heat thermal bridges.
- » After use, twist the screw clockwise at the back of the gun until the flow stops. The dried residues can be removed mechanically. Attach a prepacked -in a canister- PU solvent on the gun and spray until all foam residues have been removed.
- » Never leave the gun unattached to the canister or uncleaned.
- » An 830 ml canister is sufficient for welding about 11-13 m² of thermal insulation boards. The efficiency depends on the thickness of the material shot by the gun, on the number of the stripes applied as well as on the surface type.
- » In general, wetting of the insulation board surface is recommended prior to application of the glue. Moisture helps to improve adhesion of the glue to the substrate and it accelerates drying.
- » Not recommended for PU or silicone surfaces.
- » Not recommended for continuous underwater use.

PACKAGING

Available in 830 ml canisters.

OHEALTH, SAFETY & ENVIRONMENTAL PROTECTION INSTRUCTIONS

Read the label carefully before use. For more information, please refer to the Safety Data Sheet.

Poison Centre Telephone:

210 7793 777

STORAGE

Keep away from sunlight and store at temperatures between 5°C and 35°C in an upright position. The product lifetime is 18 months if stored properly in its original sealed package.

11/23 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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WARNING: The above technical data, information, recommendations, and instructions are based on our scientific and technical knowledge, laboratory studies and long experience. However, the above information should be considered indicative and should be reviewed in any case in relation to each specific condition and practical application. Consequently, the suitability of the product for each specific application must be evaluated after referring to the updated Technical Data Sheet and to our website www.kraftpaints.com, as well as after contacting our technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable consequences after using the product.

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