

Gun Foam 51



Low expansion polyurethane gun foam

» Resistance to moisture

GUN FOAM 51 is a one-component, solvent-free polyurethane foam of low expansion, for professional use. It is applied with a gun and undergoes polymerization when exposed to air humidity. It is used for filling gaps between thermal insulation boards in external thermal insulation systems, in masonry, in pipes, in roof tiles and for fixing casings. It features low expansion, and it is easy to use and apply. It also provides excellent adhesion on plasters, bricks, mortars, asphalt, wood, gypsum, cardboard, and metallic surfaces. It is suitable for both interior and exterior use.

» Resistant to ageing

» Low expansion

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 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.
- » 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.
- » In general, wetting of the insulation board surface is recommended prior to application of the glue. Moisture helps to improve adhesion of the foam to the substrate and it accelerates drying.
- » Not recommended for PU or silicone surfaces.
- » Not recommended for continuous underwater use.

PACKAGING

Available in 750 ml canisters.

HEALTH, 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.

DRUCKFARBEN HELLAS S.A.

ASPROPYRGOS 19 300, ATTICA - GREECE | TEL.: +30 210 55 19 500 - FAX: +30 210 55 19 501
www.druckfarbengroup.com | www.kraftpaints.com



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800 111 7700 Monday - Friday, 8.00 am - 04.00 pm
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