

Technical Data Sheet

EN

PROFI gun spray

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Product description

Low-pressure unary polyurethane foam designed for constructional elements and door and window frames sealing, gaps filling, thermal insulation damaged refilling, pipe culverts insulation and so on. The foam hardens under influence of moisture from air or substrate the foam is applied on.

Low pressure foam.

The National Technical Assessment was issued for the product. No.:

ITB-KOT-2023/2520

PZH Hygienic Certificate No.:

B-BK-60211-0140/21

National Declaration of Performance No.:

03/PM-KDWU

Application method recommended

- The substrate has to be clean, degreased, free of dust and loose particles.
- The windows and doors seating should be made in accordance with the manufacturer recommendations and with use of mechanical connectors.
- Moistening the substrate with water is recommended before the foam application (but only if ambient temperature is positive).
- The can with foam should achieve room temperature on natural way (by dipping in luke-warm water, for instance) and then should be vigorously shaken 30 times minimum.
- Take the protective cap off and screw the can on the applicator gun.
- The can position during application – the bottom up.
- Control the foam stream magnitude by pressing the applicator gun releasing mechanism.
- The foam should be applied in gaps from bottom to the top filling about $\frac{2}{3}$ free space, because the foam expands after application.
- Cut off the foam glut with knife after the foam hardens and protect finished filling with plaster or paint or silicone layer.

Recommended can temperature [°C]	15 - 25
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Remove fresh contaminations with a solvent (e.g. PURSAN AE 500). The hardened product can be removed mechanically. After finishing work, rest of the foam should be thoroughly removed from the gun - the can with the solvent should be screwed onto the gun and the trigger of the gun repeatedly pressed until residual foam is completely removed from the gun. After finishing work, if the foam is not used completely, also remove the rest of the foam from the can valve.

Physical and mechanical product properties*

Type of application	gun spray
Colour	yellow or cream-yellow
Appearance	cellular plastic
Water absorption [kg/m ²]	≤ 0,5
Density of the foam core in the product acc. to EOTA TR046 [kg/m ³]	20 ± 15%
Compression strength [kPa]	≥ 30
Tensile strength acc. to EN 1607 [kPa]	≥ 100
Shear strength [kPa]	≥ 50
Adhesion to wood, steel or PVC (application at 5°C) [kPa]	≥ 150
Adhesion to wood, steel or PVC (application at 30°C) [kPa]	≥ 110

Transport and storage

Store in dry, well ventilated room, in tightly closed containers. Protect against moisture access and direct exposure to sunrays. Store away from heat sources, in the container originally packaged in a vertical position.

Avoid overheating containers above +40°C.

Permissible temperature during transport [°C]	5 - 25
Recommended storage temperature [°C]	5 - 25
Storage life:	12 months

***Notes**

Data presented in this information have been obtained during the system foaming in model conditions. The results obtained when foaming in other conditions can be slightly different from published.

Every time the user is obliged to check the product and auxiliary agents usefulness for his intentional use.

The user is obligated to have a valid technical data sheet and safety data sheet of the product, which is provided by the manufacturer during the sale and every time on the customer's request.

Prior to processing the user must carefully read aforementioned documentation and follow the rules of procedure for product use.