

EXPERT LINE EXPRESS 60 SECONDS

Rapid Polyurethane Foam Adhesive

PRODUCT DESCRIPTION

Fast-drying one-component polyurethane adhesive Expert Line with a universal 2-in-1 valve enables the adhesive to be applied using both a gun and a hose applicator. Adhesive designed for fast fixing different materials to concrete and finishing materials (including gypsum and fiber-cement boards, OSB boards), cork, EPS and XPS boards at thermal insulation (such as garages).

APPLICATION

- › fixing of EPS, XPS, PUR insulation panels and boards to most building materials, including steal sheet;
- › insulation of containers or garages
- › fixing Styrofoam ceiling tiles and wall panels, cork;
- › installation of window sills, stairs;
- › filling gaps in thermal insulation;
- › fixing plasterboards and OSB boards to walls and floors;
- › fixing of ceramic, aerated concrete and silicate blocks for building-in e.g. bath tubs, shower trays;
- › bricklaying partition walls.

PRODUCT PROPERTIES

- › Enables materials to be attached to the substrate quickly (fast initial grip - after just 60 seconds).
- › Adhesive has excellent adhesion to concrete, ceramic and wooden substrates, as well as to PVC and all types of polystyrene, plasters.
- › Easy and convenient application.
- › High yield.
- › Full hardening of the polyurethane joint is achieved after 24 hours.

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TECHNICAL PARAMETERS

Colour	light yellow
Working temperature	from +5°C to +30°C
Can temperature	optimally +20°C
Open time	about 2 min (23°C, RH 50%)
Correction time	about 3 min (23°C, RH 50%)
Mechanical fixing time	after about 2 h
Full hardening time	24 h
Adhesive yield* * depends on air humidity and temperature, can temperature, quality of foam dispensing gun, worker's skills	up to 40 linear meters
Tensile strength	≥ 80 kPa
Shear strength	≥ 95 kPa
Inflammability	B3 (DIN 4102)/ F (EN 13501)
Solubility in organic solvents	acetone, before hardening

The above table is for informational purposes only

DELIVERY FORM | PACKAGE

Aerosol can, 750 g

DIRECTIONS FOR USE

Substrate preparation:

The substrate should be clean, dry, free of dust, dirt, soiling, oils, greases, paint residues and other contaminants (anti-adhesives in particular) that may cause insufficient adhesion of the adhesive to the substrate.

Product preparation:

Before use, warm the can with foam adhesive to room temperature (optimally +20°C) by, for example, immersing the can in warm water. Shake the can vigorously for 30 seconds to thoroughly mix the ingredients. Screw the can onto the expanding foam gun or use supplied hose applicator.

Adhesive application:

Dispense the adhesive in the 'upside down' working position. Adjust the adhesive flow by adjusting the knob of the application gun or pressing the trigger of the gun/ hose applicator.

Apply a bead of adhesive (approx. 3 cm wide), wait approx. 1 min, and then join the bonded parts. Bonding should be carried out before 2 minutes, after which time the bond may be weak or the elements may not be joined. The installation of large elements, e.g. plasterboard, should be carried out as follows (Fig. 1): apply the adhesive in a bead of about 3 cm in diameter around the perimeter of the board and in a zigzag pattern through

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the centre of the board, wait 1 min and join the glued elements. The adhesive must cover more than 5% of the surface of the bonded materials. Depending on the external conditions and the weight of the boards to be fixed, after fixing, hold for about 1 minute, pressing the element to the substrate.

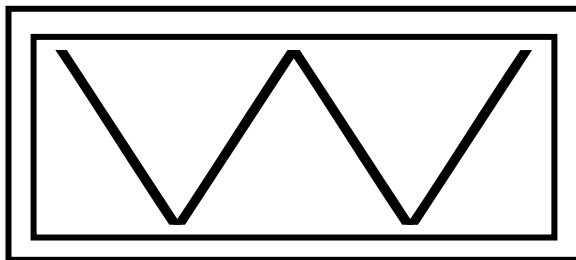


Fig. 1

If application is interrupted for more than 15 minutes, secure the foam dispensing gun, leaving the can screwed on the gun until the next use.

When work is complete, clean the gun of adhesive residue with PU Expert Line Foam Cleaner

STORAGE AND EXPIRY DATE

Store in a dry, cool and well-ventilated place, in an upright position, in the original closed container. Keep away from heat, open flames and other ignition sources. Recommended storage temperature is from +5 °C to +30 °C (optimally +20 °C). Storing the product in conditions other than recommended may result in shortening its lifetime by up to 3 months. Do not store the product in the cabin of a car. Transport only in the trunk.

Expiry date: 15 months. Store and use before the expiry date indicated on the bottom of the container.

HEALTH AND SAFETY RECOMMENDATIONS

When using this product, normal occupational hygiene rules should be followed. Keep out of reach of children. Before use, familiarize yourself with the conditions for safe use of the product on the packaging and in this technical data sheet. Detailed information on the safety of use and hazards posed by the product is included in the Material Safety Data Sheet.

With the publication of this data sheet, all previous editions become invalid. Release: 01/25

The product information contained in the technical data sheet is the result of conducted research. With regard to the possibility of using the product (point 3 of this technical data sheet), they should be treated only as recommendations resulting from the manufacturer's experience. Due to the numerous application possibilities and a wide range of work methods using the product, the Manufacturer does not bear any responsibility in this respect, and in particular is not responsible for the consequences of improper use of the product or the effects of work involving the product. Product information is valid only in its most current version.

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