

# Technological instruction No.

## ALFAFIX® PUR

Catalogue No.: 630400

ALFAFIX® PUR is a rapid curing gun grade polyurethane, collapsing foam adhesive.

ČSN EN 9001  
 ČSN EN 14001  
**ISO 9001** **ISO 14001**



### CHARACTERISTICS

<b>Application</b>	ALFAFIX® PUR is a one-compound low-expansion polyurethane adhesive agent, specially developed for the requirement of bonding the light insulating materials and decorative elements made of polystyrene.
<b>Characteristics</b>	For highly efficient bonding and installation of the insulating systems on the vertical structures. Excellent adhesiveness on concrete, plaster, brickwork, wood, polystyrene, non-plasticized PVC, including modified asphalt strips, etc.
<b>Specification</b>	yellow tint

### TECHNICAL DATA

The specified characteristic parameters are average values. Due to the use of natural raw materials in our products, the specified values may insignificantly differ in individual deliveries. This, however, does not compromise suitability and reliability of our products.

### SUBSTRATE

<b>Requirements</b>	It can be attached to common bases (consistent fixed render, concrete, gas silicate, foam concrete, burnt building materials). Suspended substrate reduces the adhesion of adhesive foam. Not suitable bases are made of PE, PP, silicone material, teflon and fatty bases.
<b>Preparation of the material</b>	Absorbent bases are impregnated by penetration solution. A double penetration must be done with highly absorbent bases or bases repaired by previous regrating of lime or glue paints. For base impregnation the penetration coatings NL, EH. Lightweight not absorbent bases – EPS, reground polyurethane or expanded polystyrene need not be impregnated.

### APPLICATION

<b>Climatic conditions during application</b>	Range of temperature of use is from +5 °C to +35 °C (both air and surface).
<b>Preparation of the material</b>	Screw on the application gun with NBS thread. Shake the jar thoroughly (at minimal 30 times). Adjust required batching with the help of the arresting bolt.
<b>Consumption</b>	4-8 m <sup>2</sup> per 750 ml
<b>Spreading capacity</b>	up to 8–10 boards of insulation / dose, depends on usage, method of adhesion and flatness of the base
<b>Application</b>	Shake the canister vigorously at least 20 times. Remove the protective cap and screw onto the foam gun. For internal applications: Starting at the middle of the panel, apply a bead of foam adhesive across the full width of the board or panel and repeat every 300 mm. For external applications (EIFS): Apply a bead of foam Panel Adhesive around the perimeter of the surface to be bonded. Then across the full width of the board or panel at 300 mm intervals. For best results always work with the canister in a vertical position and keep the valve pointed downwards. Move the panel into place and press firmly to ensure a good contact. Hold in position for 2-3 minutes, heavier panels may require additional support during curing.
<b>Cleaning tools</b>	Remove excess adhesive immediately. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

## DELIVERY

**Packing** dose 750 ml

## STORAGE

**Storage** In the original undamaged container (the bottom downward!!!), at temperatures ranging from +5 °C to +25 °C, 9 months from the date of production shown on the jar bottom. Class of flammability: F according to EN 13501-1.

**Storage period** 9 months from the production date

**Ecology** Hand the empty containers in in the scrap yard of dangerous waste.

## IDENTIFICATION

**Product group** adhesive substance

**Composition** polyurethane foam

**Safety** H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. H332 Harmful if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251 Do not pierce or burn, even after use. P284 In case of inadequate ventilation wear respiratory protection. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Hazard determining components: diphenylmethanediisocyanate, isomers and homologues Additional information: EUH204 Contains isocyanates. May produce an allergic reaction. VOC content in the product ready to use is 17.5 %.

## SPECIAL INFORMATION

While disposing the non-hardened PUR adhesive agent do not use the cleaner PUR foam or Extra strong cleaning napkins. Attention!!! The cleaner PUR foam shall not get into contact with the polystyrene; it solves it very fast! The hardened foam can be removed only mechanically. While working use the protective aids.

The information provided takes in account the current status of the technology. We give general instructions based on our experience with application and results of the material tests. However, the information provided can't take into account the local conditions during the application, therefore, it can't be legally binding. In case of doubts or need to solve specific technical problems, please contact us.



WWW link