

Technical data sheet

PU EPS/XPS ADHESIVE AS2302 GUN GRADE B3

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Description

Polyurethane adhesive AS 2302 is adhesive, installation and insulation polyurethane foam expanded by foaming and hardening of the fluid reaction mixture by the effect of aerial moisture.

Application

- gluing and installation of insulation boards and window parapets
- mounting and sealing of wooden, plastic and metallic window and external door frames, metallic and wooden door-frame and other structural parts
- insulation of hot water pipes, hot water boilers and refrigeration equipment, bath tubs, shower trays
- sealing of gaps, cracks and cavities which cannot be filled with other sealing materials, sealing of plumbing, heating and gas piping and electric wiring

Application procedure

- 1 Remove dust, grease and other contamination from the surface. Before the foam application the surface may be wet, but free from frost or ice.
NOTICE: PU foam is non-stick to surfaces: PE, PP, PTFE and silicone.
- 2 The optimal can temperature for application is +15°C to +20°C. The maximum allowed temperature difference between the ambient and the can is 5°C. Do not exceed the maximum allowed temperature interval for application from +5°C to +35°C.
- 3 Shake the can vigorously at least for 1 minute. Screw the can onto the application gun. Bottle working position is the valve facing downwards. The amount of ejected foam can be regulated by pulling the gun trigger. Apply PU adhesive strip with a diameter of 3cm evenly around the circumference of the board approximately 2 cm from the edge and one strip over its centre, parallel to the longer side of the board. The amount of the foam should be so large as to cover at least 40 % of the glued board after pressing the board to the substrate. After applying the PU adhesive, place the insulation board on the wall and press. The position of the glued board can be corrected within 10 minutes after installation. Under adverse weather conditions wear protective netting on scaffolding.
- 4 Cured foam you can cut by a knife. The surface of cured PU foam must be protected from a long-term UV radiation.
- 5 Fresh foam can be removed by PU CLEANER, cured foam mechanically only. The gun must be cleaned by PU cleaner immediately after finishing work i.e. after removing the bottles from the gun. Before screwing the cleaner onto the gun connector, put a plastic tube, which is included in the gun package. This prevents aerosol formation during cleaning.

Safety and protection of health

When using this product wear protective glasses and gloves. More information is contained in the MSDS.

Specifications

Form	foaming liquid
Colour	light cream, grey
Odour	of hydrocarbons
Maximum application temperatures range	+5°C to +35°C
Optimum can temperature for application	+15°C to +20°C
Tack free time (TM1014-2013) *	10 minutes
Cutting time (strip of 2 cm diameter) (TM1005-2013) *	max. 25 minutes
Final curing time *	12 hours
Density of freely expanded foam (PN 03) *	14 – 18 kg/m ³
Density of foam in gap (PN05) *	17 – 21 kg/m ³
Foam yield of 750 ml can (TM1007-2013) *	40 – 45 litres
Dimensional stability (TM1004-2013) *	max. ±5%
Fire class (DIN 4102)	B3

Note: * Temperature and relative humidity of air during the test: +20°C, 60%; TM – test method of FEICA association; PN – company standard; DIN – German standard;

Product properties are validated by the Authorized Body 212, Centre of building Construction Engineering Plc., which has issued the Construction Technical Certificate Nr. STO-2017-0946b/P and the Protocol on verification of conformity of the product type Nr. P-OSV-2017-0526b/P.

Packaging

The product is supplied in a pressure cans with a filling volume from 870 ml to 500 ml. Packing in cartons of 12 pcs. Palette contains 624/672/780/840/960/1008 cans.

Storage

Store the cans in the vertical position with the valve facing upwards. Keep in a dry and well-ventilated place at a temperature between +5°C to +25°C. Guaranteed shelf life of the product is 18 months from the date of production.

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