

**PU MASONRY WALLING UNITS
ADHESIVE GUN GRADE B3****Description**

Polyurethane construction adhesive is a polyurethane based moisture curing adhesive used for mounting, sealing and bonding. It is designed for use on internal and external walls.

Application

- walling external walls and partitions
- bonding precision ground clay blocks, concrete blocks and aerated concrete blocks

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 two parallel strips of foam with a diameter of 3 cm placed 5 cm from the edges of the wall. When the wall thickness is up to 115 mm there is only one strip of the foam applied in the middle of the wall thickness. Walling blocks are laid to the freshly applied foam. Do not lift or move the blocks after lying. Otherwise it is necessary to apply new strips of foam.
- 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 ie. after removing the bottles from the gun.

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.

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) *	18 – 22 kg/m ³
Foam yield of 750 ml can (TM1007-2013) *	40 – 45 litres
Dimensional stability (TM1004-2013) *	max. ±5%
Fire class (DIN 4102) / (EN 13501-1)	B3 / F

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

Product properties are validated by the Authorized Body 212, Centre of building Construction Engineering Plc., which has issued the Construction Technical Certificate Nr. ST0-2015-0949/P and the Protocol on verification of conformity of the product type Nr. OSV-2015-0528/P.

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.