AEROSOL SERVICE

Technical data sheet

PU MASONRY WALLING UNITS ADHESIVE GUN GRADE B3

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Description

Polyurethane adhesive is a polyurethane based moisture curing adhesive used for mounting, sealing and bon-ding. 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 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) *	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)	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;

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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Aerosol – service a.s., Družstevní 2, 273 51 Pletený Újezd, CZECH REPUBLIC
ID: 241 23 145, VAT ID: CZ 241 23 145
phone.: +420 312 690 505, fax: +420 312 690 503, e-mail: aerosol@aerosol.cz
www.aerosol.cz