



POLYURETHANE ADHESIVE

THIXOTROPIC, FILLING, WATERPROOF, 2-COMPONENT ASSEMBLY ADHESIVE
BASED ON POLYURETHANE



PRODUCT DESCRIPTION

Thixotropic, filling, waterproof, 2-component assembly adhesive based on polyurethane.

FIELD OF APPLICATION

For bonding many difficult to bond materials having to withstand extreme conditions. Suitable for practically all materials, such as metal, polyester, foam materials (polystyrene foam), wood, (natural) stone, concrete, ceramics, glass, PVC foil, rubber and many synthetics.

PROPERTIES

- 100% filling
- Waterproof
- All-weather resistant
- Chemical resistant
- Solvent-free
- Thixotropic

PREPARATION

Working Conditions: Do not use in temperatures $\leq +5^{\circ}\text{C}$.

Personal safety: It is recommended that rubber or plastic gloves are worn.

Preliminary Surface Treatment: Surfaces should be clean, dry and free of dust and grease. When necessary degrease the parts with Bison Professional Cleaner or acetone. Smooth surfaces should first be roughened with sandpaper. In case of wood bonding, the wood humidity content may not exceed 18%.

Tools: Mixing tray (clean and dry), putty knife or glue spreader. Thoroughly clean tools immediately after use with Bison Professional Cleaner, MEK or acetone.

APPLICATION

Coverage: Approx. 1.5-3.5 m²/kg

Directions for use:

Stir resin well before use. Mix resin with hardener in the weight ratio 5:1 (Resin/ Hardener). Continue stirring until the adhesive mixture reaches a homogeneous colour.

Apply the adhesive mixture, which only needs to be applied on one side, to the surface or the material to be bonded with a putty knife or glue spreader. With soft materials such as rubber tactile tiles and artificial grass, and when affixing tiles, apply the adhesive mixture to the surface with a coarse toothed glue spreader (No 3). In case of rubber floor covering, first perform an adhesive test. Construction boards can be affixed by applying spots of adhesive. Depending on the weight of the material to be bonded, intervals of 20-40 centimetres should be maintained between the spots of adhesive. Always apply an additional spot of adhesive on the corners of any construction board to be bonded. For full surface bonding to smooth surfaces, use a glue spreader no. 2. Place the material to be bonded in the correct position and firmly press into the adhesive. Preferably, clamp or support during curing. Remove outwardly pressed adhesive immediately.

Stains/residue: Remove wet adhesive residue immediately with Bison Professional Cleaner. Dry adhesive residue can only be removed mechanically.

Points of attention: The individual components may not come in contact with each other or with water. Foaming of the hardener or mixture indicates that the adhesive has become unusable.

TECHNICAL SPECIFICATIONS

Chemical base:	Hardener: Isocyanate, Resin: Polyol
Chemicals resistance:	Very good
Colour:	Beige (mixture)
Density approx.:	1,4 g/cm ³
Filling capacity:	Very good
Final bond strength after:	48 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-30 °C
Maximum temperature resistance:	100 °C
Mixture ratio:	5 parts by weight resin to 1 part by weight hardener
Potlife:	Approx. 45 minutes at 20°C. When processing large quantities, assembly time may be reduced to 15 minutes.
Solid matter approx.:	100 %
Viscosity:	Pasty

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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STORAGE CONDITIONS

A minimum of 24 months.

Limited shelf life after opening.

Store dry in sealed packaging between +10°C and +20°C.

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