



MONTAGEKIT® POLYSTYRENE

STRONG, SOLVENT-FREE ASSEMBLY ADHESIVE BASED ON ACRYLIC DISPERSION.



PRODUCT DESCRIPTION

Strong, solvent-free assembly adhesive based on acrylic dispersion. Ideal for simply and firmly attaching polystyrene objects that must bond immediately onto porous substrates such as concrete, stone, plasterwork, wood and chipboard. Permanently elastic and filling. No need for nails and screws.

FIELD OF APPLICATION

Ideal for assembling all kinds of polystyrene foam objects on porous (absorbing) surfaces such as concrete, stone, plasterwork, wood and chipboard.

Very suitable for attaching, e.g., insulation boards, decoration plates, ceiling tiles, decorative materials in polystyrene foam such as ornaments and decorative edgings.

Also extremely suitable for surface bonding.

Not suitable for PE, PP, PTFE, bitumen, mirrors, natural stone, permanently moist places and for attaching a non-porous material on a non-porous substrate. When gluing plastics always perform an adhesion test first. Adhesion to plastics can vary depending on the type of synthetic and the quality of the plastic.

PROPERTIES

- High final bonding strength
- Easy to apply
- Filling
- Particularly for interiors
- Solvent-free
- Permanently elastic
- Suitable for uneven surfaces
- Correctable
- Moisture resistant
- Temperature resistant
- With closable spout

PREPARATION

Working conditions: Only apply at temperatures between +5°C and +40°C.

Surface requirements: Both parts must be dry, clean and free of dust and grease. One of the two parts must be porous (absorbent).

Tools: Apply cartridge contents using a sealant gun (a Bison Power Pistol, for example). If necessary, use a rubber mallet to tap lightly. For surface bonding use a glue spreader (2 mm).

APPLICATION

Coverage: 2.5-3.5 m²/kg, depending on the nature of the substrate.

Directions for use:

Before using open cartridge at the top by cutting off the plastic nipple above the thread with a sharp knife. Fix the nozzle onto the cartridge and cut at an angle to the desired diameter. Depending on the weight of the material, apply the adhesive evenly in strips or dots at intervals of between 20 and 30 cm. Always apply adhesive to the corners and along the edges. For surface bonding apply adhesive thinly and evenly on one side using a glue spreader. Assemble materials with a pushing movement and press or knock firmly together. Correction is still possible. For heavy materials fasten or support where necessary.

Stains/residue: Use water for cleaning tools and removing wet adhesive residue. Dry adhesive residue can only be removed mechanically.

Advice: We recommend Bison Montagekit® Super Strength for fastening materials under strain.

We recommend the Bison Poly Max® for fastening a non-porous material on a non-porous substrate.

We recommend Bison Poly Max® for fastening materials in areas with permanent high humidity and/or prolonged contact with water.

For fastening natural stone, we recommend Bison Poly Max®.

CURE TIMES*

Final bonding strength after: approx. 24 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.



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TECHNICAL PROPERTIES

Moisture resistance: Limited
Water resistance: Limited
Temperature resistance: -20°C - +80°C
UV resistance: Very good
Chemicals resistance: Good
Paintability: Very good
Elasticity: Good
Filling capacity: Good

TECHNICAL SPECIFICATIONS

Chemical base: Acrylic dispersion
Colour: White
Viscosity: approx. Pasty
Solid matter: approx. 80 %
Density: approx. 1.62 g/cm³
Shrinkage: approx. 20 %

STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening.
Close container properly and store in a dry, cool and frost-free place.