

# MONTAGEKIT® POLYSTYRENE

## SUPER STRONG, SOLVENT FREE CONSTRUCTION ADHESIVE.



### PRODUCT DESCRIPTION

Super strong, solvent free construction adhesive. Ideal for solidly fixing polystyrene objects that should bond immediately to porous surfaces. Easy to use and filling.

### FIELD OF APPLICATION

Ideal for rapidly and solidly bonding many polystyrene objects (tempex) to porous surfaces such as wood, chipboard, concrete, stone and plasterwork. Excellent for assembling insulation boards, decorative panels, ceiling tiles and decorative materials such as ornaments and decorative edgings. Also excellent for surface bonding. Not suitable for Fastening polystyrene to a non-porous surface (e.g. plastic). Not suitable in areas with a permanently high humidity level and/or areas constantly in contact with water.

### PROPERTIES

- High final bond strength
- Easy to use
- Filling
- Mainly for interior use
- Solvent free
- Permanently elastic
- Suitable for uneven surfaces
- Adjustable
- Moisture resistant
- Temperature resistant
- With re-closable cap

### PREPARATION

**Working conditions:** Do not use at temperatures below +5°C.

**Surface requirements:** Materials to be bonded must be clean, dry and free of

dust and grease. One of both parts must be porous. Make sure substrate is solid.

**Tools:** Use sealant gun (e.g. Bison Click Gun) to handle cartridge. A rubber mallet may be used to tap. Use a glue spreader (2 mm) for surface bonding.

### APPLICATION

**Coverage:** Wall covering boards and panels: approx. 5-8 m<sup>2</sup>/kg depending on weight of material. Laths, skirting boards and timber framework: approx. 4-6 m<sup>2</sup>/kg bonded surface.

#### Directions for use:

Before use, open cartridge by cutting off plastic nipple above screw thread with a sharp knife. Attach nozzle to cartridge and cut it slantwise (opening at least Ø 5 mm). Apply adhesive evenly in dots or lines every 20-30 cm, depending on weight of material. Always apply adhesive in corners and along edges. In case of surface bonding, apply adhesive thinly and evenly to one side, using a glue spreader. Join parts immediately with a sliding movement and press or tap firmly. Adjustments can still be made. If necessary, secure or support heavy materials.

**Stains/residue:** Remove fresh stains immediately with water. Dried adhesive residue can only be removed mechanically.

**Advice:** For bonding polystyrene to a non-porous surface, we advise Bison Poly Max®. For bonding polystyrene in areas with a permanently high humidity level and/or areas exposed to long-lasting contact with water, use Bison Poly Max®.

### CURE TIMES

**Full bond strength:** Full bond strength after approx. 24 hours

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

### TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Water resistance:** Limited

**Temperature resistance:** -20°C to +100°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:** Pasty

**Solid contents:** approx. 73 %

**Density:** approx. 1.5 g/cm<sup>3</sup>

**Initial bond strength:** approx. 0,08 N/cm<sup>2</sup>

**Final bond strength:** approx. 800 N/cm<sup>2</sup>

### STORAGE CONDITIONS

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