

# MONTAGEKIT DIRECT GRIP

## EXTRA STRONG, SOLVENT-FREE ASSEMBLY ADHESIVE BASED ON ACRYLIC DISPERSION WITH AN EXTREMELY HIGH INITIAL BOND



### PRODUCT DESCRIPTION

Extra strong, solvent-free assembly adhesive based on acrylic dispersion with an extremely high initial bond strength. For super-fast and solid fixing of wood, synthetics, metal, stone, plaster, tiles and polystyrene foam onto porous surfaces including concrete, stone, plasterwork, wood and chipboard. Permanently elastic and filling. No need for nails and screws.

### FIELD OF APPLICATION

Suitable for assembling all kinds of (building) materials, such as wood, stone, concrete, metal, many synthetics and polystyrene foam onto porous surfaces including stone, concrete, wood, plaster, drywall, etc. Also very suitable for surface bonding as it improves the initial bond strength.

Very suitable for mounting timber framework, skirting boards, doorsteps, laths (wood/synthetics), panelling, window sills, ceramic tiles, construction boards, drywalls, wood strips, wall covering sheets, panels, insulation, soft and hardboard, panels, sills, nameplates, house numbers, suspension hooks, ducts, electrical outlets and electrical boxes.

Also suitable for decoration materials, such as ornaments and mouldings in plaster, polyurethane and polystyrene foam. 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 bonding synthetics always perform an adhesion test first. Adhesion to plastics can vary depending on the type of synthetic and the quality of the plastic.

### PROPERTIES

- Extremely high initial bond strength: 120 kg/m<sup>2</sup>
- Very high final bond strength
- Easy to apply

- Filling
- Particularly for interiors
- Solvent-free
- Permanently elastic
- Universally applicable
- Suitable for uneven surfaces
- Correctable
- Moisture resistant
- Temperature resistant

### PREPARATION

**Working conditions:** Only use 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:** If necessary, use a rubber mallet to tap lightly.

### APPLICATION

**Coverage:** Wall covering sheets and panels: about 5-8 m<sup>2</sup>/kg depending on the weight of the material. Lathing, skirting boards and timber framework: about 4-6 m<sup>2</sup>/kg glued surface.

#### Directions for use:

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 sliding movement and press or hammer 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 Mounting Kit® 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

**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 +80°C

**UV resistance:** Very good

**Chemicals resistance:** Good

**Paintability:** Very good

**Elasticity:** Good

**Filling capacity:** Good

## TECHNICAL SPECIFICATIONS

**Chemical base:** Acrylate polymer dispersion

**Colour:** White

**Viscosity:** Pasty

**Solid contents:** approx. 65 %

**Density:** approx. 1.28 g/cm<sup>3</sup>

**Initial bond strength:** approx. 0,12 N/cm<sup>2</sup>

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

**Shrinkage:** approx. 35 %

## STORAGE CONDITIONS

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