MONTAGEKIT® EXTREME GRIP

EXTRA STRONG, SOLVENT FREE CONSTRUCTION ADHESIVE WITH AN EXTREMELY HIGH INITIAL BOND STRENGTH OF 120 KG/M².

PRODUCT DESCRIPTION

Extra strong, solvent free construction adhesive based on acrylate polymer dispersion with an extremely high initial bond strength. Ideal for solidly assembling all kinds of materials that need immediate bonding to porous surfaces. Easy to use and filling.

FIELD OF APPLICATION

Ideal for extra strong bonding of all kinds of (building) materials such as wood, stone, metal and many synthetics to practically any surface of stone, concrete, wood, metal, synthetics, plasterwork, gypsum board, etc. For indoor and outdoor use. Excellent for assembling e.g. timber framework, skirting boards, doorsteps, window sills, construction boards, panelling, laths, wood strips, cable gutters, name plates, house numbers, wall panelling boards, panels, thresholds, ceramic tiles, suspension hooks, sockets, junction boxes. Not suitable for Fastening non-porous materials to non-porous surfaces. Not suitable in areas with a permanently high humidity level and/or areas constantly in contact with water. Not suitable for mirrors, polyethylene (PE) and polypropylene (PP).

PROPERTIES

· Extremely high initial tack: 120 kg/m²
· High final bond strength
· Easy to use
· Filling
· Mainly for interior use
· Solvent free
· Permanently elastic
· Universal
· 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. In case of surface bonding, use a glue spreader (2 mm).

APPLICATION

Coverage: Wall covering boards and panels: approx. 5-8 m²/kg depending on weight of material. Laths, skirting boards and timber framework: approx. 4-6 m²/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: Use Bison Poly Max® for bonding natural stone. For bonding non-porous materials to non-porous surfaces, use Bison Poly Max®. For bonding materials 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: Acrylate-polymer dispersion
Colour: White
Viscosity: Pasty
Solid contents: approx. 65 %
Density: approx. 1.28 g/cm³

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.

Initial bond strength: approx. 0,12 N/cm^2
Final bond strength: approx. 800 N/cm^2
Shrinkage: approx. 35 %

STORAGE CONDITIONS

At least 18 months after date of manufacture. Limited shelf life after opening.
Store in a dry, cool and frost-free place.

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