MONTAGE KIT ULTIMATE

EXTREMELY STRONG, UNIVERSAL & SOLVENT FREE MOUNTING ADHESIVE



PRODUCT DESCRIPTION

Extremely strong, universal & solvent free mounting adhesive for bonding all kinds of materials on porous and non-porous surfaces. Loadable after 4 hours. Without using nails or screws. For interior and exterior use.

FIELD OF APPLICATION

For mounting of stair treads, roof plates, roof tiles, frame works, skirting boards, thresholds, laths (wood / plastic), paneling, window sills, sheet material, drywall, tiles, insulation material, soft and hardboard boards, electrical boxes, nameplates, house numbers, brackets and decorative ornaments and moldings of plaster, polyurethane- and polystyrene foam (Styrofoam) etc. Also suitable for mirrors and natural stone.
Not suitable for PE, PP, PTFE and bitumen. 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 initial bond strength
· Very high final bond strength
· Elastic
· For interior and exterior use
· Paintable (test first)
· Good filling capacity
· Resistant to temperatures between -40 °C and +100 °C
· UV, water and all-weatherresistant
· Solvent-free

PREPARATION

Working Conditions: Only apply at temperatures between +5°C and +40°C.
Surface Requirements: Both parts must be solid, clean, free of dust and grease. Use of primer not required. The surface may be slightly moist.
Tools: Use putty knife or spatula to apply. If necessary, use a rubber mallet to tap lightly. For surface bonding use a glue spreader (2 mm).

APPLICATION

Coverage: With spot bonding: 5-8 m^2/kg.
Directions for use:
Before using, pierce the tube membrane with the puncture point integrated into the cap.
The surfaces to be glued must be clean, dry and free of grease and dust. Remove loose debris. Apply the adhesive in dots or stripes (at a distance of 20 - 30 cm), always taking care to apply at all angles and on the edges. Attach the object with a sliding movement, pressing it well. Hand-tight after approx. 30 minutes (the bond is now sufficiently strong for transport or light loads). Can be loaded after approx. 4 hours, depending on the substrate (at least 1 part porous) and the ambient conditions.
Stains/residue: Use white spirit for cleaning tools and removing wet adhesive residue. Dry adhesive residue can only be removed mechanically.
Points of attention: The drying times are based on bonding at least one porous material and an adhesive layer of approx. 1 mm thickness. If two non-porous materials are being bonded and/or the layer of adhesive is thicker, the drying times may be substantially longer.

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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TECHNICAL SPECIFICATIONS

100% modulus:	1.7 MPa
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Cure rate:	1.5 mm/24h
Density approx.:	1.43 g/cm^3
Elasticity:	Good
Elongation of rupture:	200 %
Filling capacity:	Very good
Final bond strength after:	4 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	60
Initial Bonding after:	30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	350 N/cm^2
Skinover time:	10-15 minutes
Solid matter approx.:	100 %
Solvent free:	Yes
Tensile strength (N/cm^2) approx.:	250 N/cm^2
UV resistance:	Good
Viscosity:	Pasty
Water resistance:	Good

STORAGE CONDITIONS

Close tube properly and store in a dry, cool and frost-freeplace.

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