

# **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<sup>2</sup>/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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## **EXTREMELY STRONG, UNIVERSAL & SOLVENT FREE MOUNTING ADHESIVE**

#### TECHNICAL SPECIFICATIONS

1.7 MPa Chemical base: SMP Polymer Chemicals resistance: Good Cure rate: 1.5 mm/24h Density approx.: 1.43 g/cm³ 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: Good Moisture resistance: Very good Paintability: Good Shear strength: 350 N/cm² Skinover time: 10-15 minutes Solid matter approx.: 100 % Solvent free: Yes Tensile strength (N/cm²) approx.: UV resistance: Good Viscosity: Pasty Water resistance: Good	TECHNICAL SPECIFICATIONS	
Chemicals resistance:  Good  Cure rate:  1.5 mm/24h  Density approx.:  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:  Maximum temperature resistance:  Moisture resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  Good  Viscosity:  Pasty		1.7 MPa
Cure rate:  Density approx.:  1.43 g/cm³  Elasticity:  Good  Elongation of rupture:  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:  Maximum temperature resistance:  Mildew resistance:  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  Skinover time:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Pasty	Chemical base:	SMP Polymer
Density approx.:  Elasticity:  Good  Elongation of rupture:  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:  Maximum temperature resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Pasty	Chemicals resistance:	Good
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: Good  Moisture resistance: Very good  Paintability: Good  Shear strength: 350 N/cm²  Skinover time: 10-15 minutes  Solid matter approx.: 100 %  Solvent free: Yes  Tensile strength (N/cm²) approx.: 250 N/cm²  UV resistance: Good  Viscosity: Pasty	Cure rate:	1.5 mm/24h
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: Good  Moisture resistance: Very good  Paintability: Good  Shear strength: 350 N/cm²  Skinover time: 10-15 minutes  Solid matter approx.: 100 %  Solvent free: Yes  Tensile strength (N/cm²) approx.:  UV resistance: Good  Viscosity: Pasty	Density approx.:	1.43 g/cm <sup>3</sup>
Filling capacity:  Final bond strength after:  A hours. This might vary, based on circumstances, like materials, temperature and humidity.  Hardness (Shore A):  Initial Bonding after:  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  100 %  Solvent free:  Tensile strength (N/cm²) approx.:  UV resistance:  Very good  Very good  250 N/cm²	Elasticity:	Good
Final bond strength after:  4 hours. This might vary, based on circumstances, like materials, temperature and humidity.  4 hours. This might vary, based on circumstances, like materials, temperature and humidity.  500  600  Initial Bonding after:  30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  600  Minimum temperature  7-40 °C  7-40 °C  7-40 °C  8-40 °C  9-40 °C  8-40 °C  8-	Elongation of rupture:	200 %
on circumstances, like materials, temperature and humidity.  Hardness (Shore A):  Initial Bonding after:  30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Vaintability:  Good  Yes  Cood  Yes  Cood  Yes  Cood  Yes	Filling capacity:	Very good
Initial Bonding after:  30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Vaninutes. This might vary, based on circumstances, like materials, temperature and humidity.  Good  200 C  Very good  Paintability:  Good  10-15 minutes  250 N/cm²  250 N/cm²  Approx.:  UV resistance:  Good  Viscosity:  Pasty	Final bond strength after:	on circumstances, like materials,
based on circumstances, like materials, temperature and humidity.  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  10-15 minutes  Solid matter approx.:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Pasty	Hardness (Shore A):	60
resistance:  Maximum temperature resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  10-15 minutes  Solid matter approx.:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Pasty	Initial Bonding after:	based on circumstances, like materials, temperature and
resistance:  Mildew resistance:  Good  Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  10-15 minutes  Solid matter approx.:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Pasty		-40 °C
Moisture resistance:  Very good  Paintability:  Good  Shear strength:  350 N/cm²  Skinover time:  10-15 minutes  Solid matter approx.:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Very good  250 N/cm²  250 N/cm²  Good		100 °C
Paintability: Good  Shear strength: 350 N/cm²  Skinover time: 10-15 minutes  Solid matter approx.: 100 %  Solvent free: Yes  Tensile strength (N/cm²) approx.:  UV resistance: Good  Viscosity: Pasty	Mildew resistance:	Good
Shear strength: 350 N/cm²  Skinover time: 10-15 minutes  Solid matter approx.: 100 %  Solvent free: Yes  Tensile strength (N/cm²) approx.: Good  Viscosity: Pasty	Moisture resistance:	Very good
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Solid matter approx.:  100 %  Solvent free:  Yes  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Pasty	Shear strength:	350 N/cm <sup>2</sup>
Solvent free:  Tensile strength (N/cm²) approx.:  UV resistance:  Good  Viscosity:  Yes  250 N/cm²  250 Od  Pasty	Skinover time:	10-15 minutes
Tensile strength (N/cm²) 250 N/cm² approx.:  UV resistance:  Good  Viscosity:  Pasty	Solid matter approx.:	100 %
approx.: UV resistance: Good Viscosity: Pasty	Solvent free:	Yes
Viscosity: Pasty		250 N/cm <sup>2</sup>
	UV resistance:	Good
Water resistance: Good	Viscosity:	Pasty
	Water resistance:	Good

#### **STORAGE CONDITIONS**

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

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.