

# UHU® ULTRA MONTAGEKLEBER

## UNIVERSAL, ELASTIC ASSEMBLY ADHESIVE WITH SUPER-FAST FINAL STRENGTH BUILD-UP.



### PRODUCT DESCRIPTION

Universal, elastic assembly adhesive with super-fast final strength build-up based on unique SMP technology. For super fast and solidly fixing of wood, synthetics, metal, stone, plaster, tiles and polystyrene foam onto various kinds of surface including concrete, stone, plasterwork, wood, chipboard, metals and synthetics. Can be used internally and externally, and as filling. No need for nails and screws.

### FIELD OF APPLICATION

Suitable for assembling all kinds of (building) materials, such as wood, stone, concrete, metal and many synthetics on nearly all substrates of stone, concrete, wood, metal, synthetics, plasterwork, gypsum board, etc. Also very suitable for surface bonding two non-porous materials. 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

- Super-fast building of final bonding strength
- Very high final bond strength
- Easy to apply
- Can be used internally and externally
- Solvent-free
- Acid-free, odourless
- Filling
- Permanently elastic
- 100% adhesive (non-shrinking)
- Universally applicable
- Suitable for uneven surfaces
- Correctable
- UV, water and all-weatherresistant
- Moisture resistant
- Temperature resistant
- Paintable (test first)
- With closable spout

### 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 sealant gun to handle cartridge. If necessary, use a rubber mallet to tap lightly.

### APPLICATION

**Coverage:** With spot bonding: 5-8 m<sup>2</sup>/kg. Stripes: one cartridge issues approx. 8-15 metres of adhesive (depending on the diameter of the cut nozzle).

#### Directions for use:

Before using open cartridge at the top by cutting off the plastic nipple above the thread with a sharp knife. Fix the nozzle onto the cartridge and cut at an angle to the desired diameter. 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 pushing movement and press or knock firmly together. Correction is still possible. For heavy materials fasten or support where necessary.

**Stains/residue:** Use white spirit for cleaning tools and removing wet adhesive residue. Dry adhesive residue can only be removed mechanically.

### CURE TIMES\*

**Skinover time:** approx. 10-15 minutes

**Handling time:** approx. 30 minutes. This might vary, based on circumstances, like temperature and humidity.

**Cure rate:** approx. 2 mm/24 hrs

**Drying/Curing time:** approx. 4 hours. This might vary, based on circumstances, like temperature and humidity.

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

Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.



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FINAL STRENGTH BUILD-UP.

## TECHNICAL PROPERTIES

**Moisture resistance:** Very good

**Water resistance:** Good

**Temperature resistance:** -40°C - +100°C

**UV resistance:** Good

**Mildew resistance:** Good

**Chemicals resistance:** Good

**Paintability:** Good

**Elasticity:** Good

**Filling capacity:** Very good

## TECHNICAL SPECIFICATIONS

**Chemical base:** SMP Polymer

**Colour:** White

**Viscosity:** approx. Thixotropic

**Solid matter:** approx. 100 %

**Density:** approx. 1.54 g/cm<sup>3</sup>

**Tensile strength:** approx. 300 N/cm<sup>2</sup>

**Shear strength:** approx. 400 N/cm<sup>2</sup>

**Flash point:** K3 (>55°C)

**Shrinkage:** approx. 0 %

**Hardness (Shore A):** approx. 70

**100% modulus:** approx. 2.7 MPa

**Elongation of rupture:** approx. 100 %

## STORAGE CONDITIONS

At least 12 months after production. Limited shelf life after opening. Close container properly and store in a dry, cool and frost-free place.

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