

# UHU® MONTAGEKLEBER UNIVERSAL

## EXTRA STRONG, SOLVENT-FREE ASSEMBLY ADHESIVE BASED ON ACRYLIC DISPERSION.



### PRODUCT DESCRIPTION

Extra strong, solvent-free assembly adhesive based on acrylic dispersion. For super fast and solidly 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 porous onto (porous) surfaces of stone, concrete, wood, plaster, drywall, etc. Also very suitable for surface bonding, it improves the initial bond strength.

Very suitable for mounting timber framework, skirting boards, doorsteps, laths (wood / plastic), 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 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

- Very high final bond strength
- Very high initial bond strength: 130 kg/m<sup>2</sup>
- 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 apply 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 pushing movement and press or knock 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 UHU Poly Max® for fastening a non-porous material on a non-porous substrate.

We recommend UHU Poly Max® for fastening materials in areas with permanent high humidity and/or prolonged contact with water.

For fastening natural stone, we recommend UHU Poly Max®.

### CURE TIMES\*

**Final bonding strength after:** approx. 24 hours

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

### TECHNICAL PROPERTIES

**Water resistance:** Limited

**Temperature resistance:** -20°C - +80°C

**UV resistance:** Very good

**Chemicals resistance:** Good

**UHU**<sup>®</sup>

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**Paintability:** Very good

**Filling capacity:** Good

## TECHNICAL SPECIFICATIONS

**Chemical base:** Acrylic dispersion

**Colour:** Cream

**Viscosity:** approx. Pasty

**Solid matter:** approx. 75 %

**Density:** approx. 1.50 g/cm<sup>3</sup>

## STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening.

Close container properly and store in a dry, cool and frost-free place.

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.