

# UHU® ALL PURPOSE POWER

## TRANSPARENT, UNIVERSAL POWER ADHESIVE WITH EXCEPTIONAL BONDING STRENGTH



### PRODUCT DESCRIPTION

UHU All Purpose Power, the transparent, fast and powerful universal adhesive with exceptional bonding strength. Can be used for single-sided bonds (wet bonding) or for dual-sided bonds (contact glueing). Particularly suitable for visible joints and transparent materials. The adhesive film remains elastic, is UV resistant, and does not become brittle. Can also be used under water (e.g. for PVC foils).

### FIELD OF APPLICATION

Universal - glues wood, wood based materials, plastics (ABS, hard and soft PVC, Plexiglas®, polystyrene, Resopal®), metal, glass, porcelain, ceramic, leather, rubber, felt, cork, fabrics, cardboard, paper, and much more. Ideal for visible glue joints and transparent materials. Not suitable for Styrofoam®, Polyethylene (PE) and Polypropylene (PP).

### PROPERTIES

- transparent, universal power adhesive
- fast, super strong and elastic
- can be applied to one or both sides of the object to be glued (contact glueing)
- UV and water resistant

### PREPARATION

**Working conditions:** If possible, apply at room temperature.

**Surface requirements:** Materials to be glued must be clean, dry and free of dust and grease.

### APPLICATION

**Coverage:** Consumption depends on application and surface structure: 120 - 250 g/m<sup>2</sup>, single-sided.

### Directions for use:

Thoroughly clean the surfaces to be glued (dry and free of dust and grease).  
1-sided glueing: apply the adhesive to one side of the assembly, press together - that's it!  
2-sided glueing (contact glueing): apply adhesive thinly and evenly to both parts of the assembly - porous materials possibly several times. Leave to dry. When dry to touch (after approx. 10 minutes), press the parts together briefly and firmly. Adjustments will no longer be possible after assembling.

**Stains/residue:** To remove adhesive residues and clean tools, butanone (MEK), ethylacetate and thinner for nitrocellulose lacquer should be used. Adhesive residues cannot be removed from soft PVC films.

**Points of attention:** Contains volatile, highly flammable solvents. Therefore, respective safety measures are to be taken regarding processing and storage. When gluing larger areas, please ensure that the work area is well ventilated.

### CURE TIMES\*

**Handling time:** approx. In case the single-sided bonding process is used, parts can be pressed together immediately after glue application. When gluing with the dual-sided process, the parts should be allowed to dry for approx. 10 to 30 minutes before being pressed together.

**Final bonding strength after:** approx. After 24 hours the adhesive joint can be fully stressed.

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

### TECHNICAL PROPERTIES

**Temperature resistance:** It can withstand temperatures from -30°C to +70°C

**Chemicals resistance:** Resistant to greases, mineral oils, alcohol, as well as diluted acids and alkalines.

### TECHNICAL SPECIFICATIONS

**Appearance:** colourless, clear

**Chemical base:** polyurethane-elastomers

**Consistency:** Medium viscosity

**Viscosity:** approx. 70-90 mPa.s.

**Solid matter:** approx. ca. 25 %

### STORAGE CONDITIONS

Store in a dry, cool and frost-free place.

### PACK SIZES

plastic tube: 18g, 42g

tube: 125g

can: 650g

canister: 4,4kg