

UHU® ALL PURPOSE ADHESIVE GEL

CRYSTAL-CLEAR, GELIFIED SYNTHETIC RESIN ADHESIVE FOR NON-DRIP GLUEING



PRODUCT DESCRIPTION

UHU All Purpose Adhesive gel, the unique gelified synthetic resin adhesive for fast and crystal-clear bonds. The gel formula ensures non-drip, clean glueing and is ideal for use on vertical surfaces. Does not wrinkle paper.

FIELD OF APPLICATION

Universal - glues wood, porcelain, Plexiglas®, metal, glass, ceramic, leather, felt, cork, fabrics, cardboard, paper, many plastics and much more. Not suitable for Styrofoam®, Polyethylene (PE) and Polypropylene (PP).

PROPERTIES

- gel formula
- non-drip and clean
- crystal-clear
- fast drying
- ideal for vertical surfaces
- does not wrinkle paper

PREPARATION

Working conditions: Do not use at temperatures below +5°C.

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

Preliminary surface treatment: When glueing plastics or metal, better results can be obtained if the parts to be stuck together are slightly roughened first.

APPLICATION

Directions for use:

Thoroughly clean the surfaces to be glued (dry and free of dust and grease). Apply the adhesive thinly to one side of the assembly, press the parts together - that's it! For non-absorbent materials (e.g. ceramic, coated papers), apply to both sides of the assembly, leave to dry, re-apply and press the parts together.

Stains/residue: Remove wet glue stains immediately. Dried glue residue and glue stains in clothing can be removed with acetone.

Points of attention: Contains volatile, highly inflammable solvents.

Appropriate precautions should therefore be taken during storage or when working with the adhesive.

CURE TIMES*

Drying/Curing time: approx. bond strength: Tests on beechwood produced a figure for combined tension and shear resistance (final value) of approx. 7 N/mm².

Final bonding strength after: approx. 24h (approx. two thirds of the final bond are achieved after 24 hours).

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

TECHNICAL PROPERTIES

Temperature resistance: The glue's heat resistance is determined by the thermoplastic nature of its synthetic resin. Thus, glued parts should not continuously be exposed to temperature above 70°C.

Chemicals resistance: Widely resistant against diluted acids, alkalines and also petrol and oil. NOT SUITABLE FOR: alcohols (e.g. denatured alcohol, white spirit), ketones (e.g. acetone), acetate solvents (eg nitro-cellulose lacquer thinner) or high-aromatic solvents (eg toluene and xylene).

TECHNICAL SPECIFICATIONS

Appearance: colourless, crystal-clear gel

Chemical base: polyvinylester

Consistency: Gel (thixotropic)

Solvent: Mixture of low-boiling esters and alcohols

Solid matter: approx. 32 %

Density: approx. 0,95 g/cm³

STORAGE CONDITIONS

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

PHYSIOLOGICAL PROPERTIES

The dried adhesive is inert, completely neutral and physiologically indifferent.

PACK SIZES

tube: 7g, 20g, 31g

plastic tube: 18g