

UHU® CONTACT LIQUID

SUPER STRONG, LIQUID, UNIVERSAL CONTACT ADHESIVE.



PRODUCT DESCRIPTION

Super-strong universal contact adhesive based on neoprene rubber. For innumerable repair and DIY jobs that require immediate bonding. Extremely suitable for materials under strain. Moisture and frost proof. Resistant to temperatures between -40°C and $+70^{\circ}\text{C}$.

FIELD OF APPLICATION

Ideally suited for surface bonding or laminating of many materials that require immediate bonding, loading or processing. Bonds wood, board, veneer, plastic and metal panel boards (HPL, Formica®, for example), (foam) rubber, leather, cork, canvas, linoleum and polyether foam (sound insulation), among other things, to itself as well as to many other surfaces. Also for repairing shoes, bags, toys and carpets, or for doing (hobby) handicraft work. Not suitable for polystyrene foam (Tempex®), PE, PP and vinyl.

PROPERTIES

- Bonds immediately
- Super-strong
- Suitable for materials under stress
- Universal
- Liquid
- Moisture and frost resistant
- Simple to use
- Resistant to temperatures between -40°C and $+70^{\circ}\text{C}$

PREPARATION

Working conditions: Use adhesive and parts to be bonded at room temperature only. The relative humidity must be below 65%. This is to avoid formation of bubbles in the final product. Once attached, adjustment is no longer possible. Always test on an (inconspicuous) part of the surface first.

Surface requirements: Surfaces must be dry, clean, dust- and grease-free and a good fit. Clean and degrease the surfaces to be bonded for optimal results.

Preliminary surface treatment: For optimal result, degrease first.

Tools: Use a solid brush or fine-toothed (1 mm) glue spreader to cover large surfaces. Use a roller or rubber mallet to join the materials firmly.

APPLICATION

Coverage: 2-2.5 m²/litre, applied on both sides, depending on the nature of the materials to be bonded.

Directions for use:

Stir well before use. Should preferably not be diluted. Parts must be clean, dry and free of grease. Coat both substrates completely. Allow to dry for a minimum of 10-40 minutes. In case of porous materials, apply a second coat and let dry. Then join parts and roll or tap firmly (with a rubber mallet).

Time to press (+20°C): Short; pressure is more important than pressure time.

Open time: 10-40 minutes. The adhesive should be dry to the touch and have stopped stringing. Assembly time strongly depends on the porosity of the surfaces (the more porous the surface, the faster the adhesive is absorbed so assembly time is shorter) and temperature (a high temperature results in faster evaporation of the solvent, so assembly time is shorter).

Stains/residue: Remove fresh adhesive residue immediately with Acetone. Dried adhesive residue can only be removed mechanically or with a paint remover (test first).

Points of attention: For optimum results, both the adhesive and the parts to be bonded must be at room temperature (definitely do not use below $+10^{\circ}\text{C}$). The final bonding strength depends on the pressure applied. Therefore, press as firmly as possible across the entire surface. Should the adhesive joint between porous materials be exposed to long-lasting contact with water, the adhesive may detach from the wet surface.

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

Moisture resistance: Good

Water resistance: Good

Temperature resistance: Between -40°C and $+70^{\circ}\text{C}$.

UV resistance: Good

Chemicals resistance: Resistant to oils, bases and acids

Elasticity: Very good

Filling capacity: Limited

TECHNICAL SPECIFICATIONS

Chemical base: Polychloroprene

Colour: Yellow / brown

Viscosity: approx. 2500 mPa.s., Liquid

Solid matter: approx. 22 %

Density: approx. 0.87 g/cm³

Shear strength: approx. 300 N/cm²

UHU[®]

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Flash point: K1 (<21°C)

Shrinkage: approx. 78 %

Peel strength: approx. 300 N/cm

STORAGE CONDITIONS

At least 24 months after date of manufacture. Broken packaging limits storage life. Store properly closed in a cool and frost-free place. Shelf life is a minimum 24 months.

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.