

# Technical data sheet



Product: PLUS MULTIFEST

Manufacturer: UHU GMBH & CO KG

Product group: KLEBSTOFF

Article group: 2-K KLEBSTOFF

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## UHU PLUS MULTIFEST DOPPEL-KART. 50ML

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**UHU®**

# PLUS MULTIFEST

**EXTREMELY STRONG DUAL-COMPONENT METHACRYLATE ADHESIVE.**

## PRODUCT DESCRIPTION

UHU plus multifest is a two-component methacrylate adhesive for plastics, metals and parts made of composite materials.

## FIELD OF APPLICATION

Suitable for bonding PVC and vinyl products, ABS, PMMA, polyester, styrene resins, vinylester, PC mixtures, PBT mixtures, epoxies, steel, carbon, aluminium, LMR, fibreglass, phenoline, PET mixtures, epoxy-coated materials, polyurethane, stainless steel. Ideal for (industrial) joints, which must meet the highest requirements.

Not suitable for Polyethylene, Polypropylene.

## PROPERTIES

- Excellent shear, peel and shock resistance
- High temperature resistance
- Non-running
- Fills cracks and of gaps up to 4 mm
- Excellent resilience
- Resistant to weathering and dampness
- Hardens at room temperature
- No surface treatment required

## PREPARATION

**Working Conditions:** Because of its viscosity and flow characteristics, UHU plus multifest is ideal for many different application methods. When mixed with a ratio of 1:1, the workable time is 4-6 minutes. 75% of the maximum bonding strength is achieved after 10-15 minutes at room temperature. The mixed adhesive should be applied immediately to the surface in a thin film or in droplets. This should be adapted to the part to be glued in precisely the desired form within the specified workable time. Ensure that the two surfaces to be glued are in firm contact with one another. Use an adequate amount of material to ensure 100% adhesive coverage. You must make sure that all additional work is complete and that the parts are perfectly positioned and held in place before the workable time elapses. If you reposition the part after the workable time elapses this may reduce the effectiveness of the bond. Make sure the bonded parts are not repositioned until completely fixed. Please note: If the product hardens in the mixing nozzle you will need to use a new mixing nozzle for subsequent gluing.

**Personal safety:** It is recommended that rubber or plastic gloves are worn.

**Surface Requirements:** The materials to be bonded must be dry, clean free of grease.

**Preliminary Surface Treatment:** Thoroughly clean surfaces before bonding, for example, with acetone. Depending on the surface, roughen the parts to be bonded with scouring fibre or emery cloth.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.