



# KOMBI PLASTIC

## DUAL-COMPONENT ADHESIVE SPECIAL FOR SYNTHETICS



### PRODUCT DESCRIPTION

Fast, super-strong and filling dual-component (acrylate) adhesive.

### FIELD OF APPLICATION

Ideal for fast and super-strong repairs of synthetic articles that must withstand harsh conditions (forces, vibrations), such as household appliances, toys, synthetics tool part and car, engine and (motor)bike parts. Suitable for bonding virtually all synthetics including ABS, acrylic glass (Perspex®, Plexiglas®), polycarbonate (Lexan®) and rigid PVC. Also suitable for bonding synthetics in combination with porcelain, stone, marble, rubber and various types of metal. Not suitable for Polyethylene (PE), polypropylene (PP), PTFE and polystyrene foam.

### PROPERTIES

- Fast
- Super-strong (up to 300 kg/cm<sup>2</sup>)
- Resistant to harsh conditions
- Filling
- Resistant to temperatures between -40°C to +120°C
- (Sea)water resistant
- Chemical resistant
- Can be sanded, drilled and painted once the adhesive has cured
- Can be used internally and externally
- Beige
- With mixing bowl and spatula

### PREPARATION

**Working Conditions:** Only apply at temperatures between +5°C and +35°C. Product cures by mixing the resin and hardener.

**Personal safety:** Preferably wear gloves.

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

**Preliminary Surface Treatment:** Degrease parts to be bonded with acetone. Roughen smooth surfaces (sandpaper).

**Tools:** Mix the components in the double-syringe by means of the supplied mixing bowl and spatula.

### APPLICATION

**Coverage:** 1 ml = approx 10 cm<sup>2</sup> at a film thickness of 1 mm

#### Directions for use:

Remove the cap of the top side of the double syringe by a quarter turn to the left.

1. Make sure that both surfaces to be bonded are dry, clean and free of dust and grease. Metal should be lightly sanded first. 2. Remove the cap of the top side of the double syringe by a quarter turn to the left. 3. Press out an equal amount of both components onto the enclosed mixing tray. Mix these two equal parts well with the synthetic spatula. 4. Apply the adhesive on one side. The adhesive is adjustable for about 3 minutes. Assemble the parts and keep them in place for about 15 minutes. Fully cured after about 24 hours (at 20°C). 5. After use, pull the rear side of the double syringe a little bit back, to remove the built-up pressure, and to prevent the adhesive from dripping. Clean the nozzle of the double syringe thoroughly with a dry cloth and replace the cap.

**Stains/residue:** Remove wet stains immediately with acetone (Note: acetone may affect synthetics). Cured adhesive residue can only be removed mechanically.

**Advice:** Some types of synthetics can not be joined such as polyethylene and polypropylene. This can be tested by holding a glowing copper wire against the synthetics. Does it smell of wax? Then you can not bond it. Use a piece of adhesive tape in order to keep the parts in place while the adhesive is curing.

**Points of attention:** After use close well (note: always place back the cap in the same way, due to the bonding of the cap to the double syringe). For optimum performance it is important to create a larger amount of adhesive and mix it very well. Curing time depends on the temperature. Adhesive does not cure below +5°C.

### STORAGE CONDITIONS

At least 12 months after production.

Limited shelf life after opening.

Store cool, dry, frost-free, upright (nozzle upwards) and tightly closed.

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.