

### Product description

<b>Operational Sector :</b>	Two-component polyester filler and finishing putty (universal putty). Used to level irregularities and small excavations during the repair of car bodies, the construction of vehicles and mechanical engineering.
<b>Features :</b>	<ul style="list-style-type: none"><li>- adhesive on iron, steel, aluminium, galvanized substrates and glass fibre reinforced materials</li><li>- high elasticity</li><li>- maximum stability on vertical surfaces</li><li>- high filling power by fine grain composition</li><li>- no cracking on the edges by fine sanding</li></ul>
<b>Characteristics :</b>	Binder base:           unsaturated polyester resins Solid content:        83 - 88 weight -% Spec. weight:        1.70 - 1.75 kg/l <b>DIN 51 757</b>
<b>Colour :</b>	beige
<b>Storage :</b>	At least 12 months, if the original tins are kept closed.
<b>VOC regulation:</b>	EU limiting value for the product (cat. B/b): 250 g/l (2007) This product contains max. 6 g/l VOC [ 0.05 lbs/gal]

### Application

<b>Processing conditions :</b>	From 10 °C and up to 90% relative air humidity. The polyester putty will not harden at under + 10 °C.
<b>Substrate treatment :</b>	<b>Iron, steel, aluminium, zinc plated sheet, glass fibre reinforced materials:</b> Clean, derust and sand the surface, degrease with Mipa Silikonentferner (Mipa anti-silicone). <b>Old coatings:</b> Remove by sanding all traces of old thermoplastic coats (nitro-cellulose based paint, 1K-acrylic coats) as well as acid reacting coats (Washprimer) and synthetic paints. <b>Primary coats to be treated:</b> Mipa EP-Grundierfiller and Mipa 2K-Acrylgrund after they set hard.

This data sheet is for information purpose only! To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacture of our products. However the data is not binding and without warranty. Please follow recommendations stated on the relevant safety data sheet and precautions stated on the product label. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.

Once Mipa P 99 has dried, it can be over-coated using all customary paint systems  
For the sealing of the eventual pores, Mipa P 85 or Mipa P 95 is recommended.  
Mask putty stains with Mipa Füller.

- Mixing ratio :** 2 % Härter P (by weight).
- Pot life (20 °C) :** 3 - 4 minutes.
- Sanding (20 °C) :** Sand dry or wet-on-wet after approx. 20 minutes.

### Special Remarks

Insufficient or an excess use of hardener can result in a stony overcoat. A sealing of the surface with Mipa Füller is recommended.

### Safety Instructions

Use only in well ventilated rooms. Do not smoke, eat or drink during application. Keep away from children. When the ventilation is not adequate, suitable individual respiratory protection must be worn.

### Cleaning of tools

Tools should be cleaned immediately after use with Mipa Universalverdünnung. When set hard the putty cannot be removed.

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