Mipa E 90 2K-Epoxy-Spachtel

Technical data sheet

Intended use

Mipa E 90 2K-Epoxy-Spachtel is a solvent-free two-component body filler based on epoxy resin to be applied on iron, steel, zinc, aluminium, GRP, wood and mineral substrates. Mipa E 90 2K-Epoxy-Spachtel is seawater proof and adheres also on slightly damp substrates. The filling materials of the body filler have low water absorption, making Mipa E 90 2K-Epoxy-Spachtel ideal for yacht repairs and for use on other vehicles exposed to water.

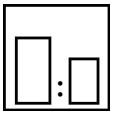
Spreading rate: --

Processing instructions



Colour

light grey



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
Mipa Härter EPN	2 : 1	--



Hardener

for complete paintwork	for partial paintwork
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Pot life

25 - 35 min with Mipa Härter EPN at 20 °C



Thinner

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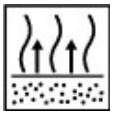
Spray viscosity

gravity spray gun	Airmix/Airless
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Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
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Flash-off time

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Dry coat thickness

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This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	--	--	--	3 - 5 h	--
60 °C	--	--	--	20 - 30 min	--
Infrared drying (distance approx. 80 cm and max. 80 °C)	--	--	--	10 - 15 min	--

Note

Storage: At least 2 years in unopened original container.

VOC Regulation: EU limit value for this product (category B/b): 250 g/l.
This product contains max. 25 g/l of VOC.

Processing conditions: From +10 °C and up to 80 % relative air humidity. Ensure an adequate supply and exhaust air ventilation.

Processing instructions: The substrate must be clean, dry and free from grease. Sand surface slightly.

Remove not fully cured old paintworks and priming coats. Do not apply on thermoplastic or acid products (Reaktionsprimer).

Mix well the body filler material with the hardener.

Clean and degrease the whole surface to be painted with Mipa Silikonentferner before every operation. De-rust defective spots to bare metal and dry sand with sanding paper P 80 / 150.

In case of filling work on non-ferrous metals (e.g. aluminium, zinced surfaces) it is possible to apply a priming coat with Mipa EP-Primer-Surfacer to ensure an optimal adhesion before applying the body filler.

In order to improve the corrosion protection, e.g. when restoring vintage cars, prime with Mipa EP-Primer-Surfacer (see technical data sheet of Mipa EP-Primer-Surfacer). After drying, use sanding paper P 150 / 240 for dry sanding. Sand the entire surface with dry sand paper P 240 / 360 to a matt finish before applying filler.

Body filler can only be dry sanded.

Yacht-Repair:

When applying body filler to steel, aluminum, or GRP surfaces on boats, the substrate must be primed with Mipa 2K-EP primers prior to the actual filling process.

Consider that there is a risk of yellowing due to sunlight.

Heat-resistant up to approx. 180 °C. Therefore it is also suitable for body filling before powder coating.

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