

Intended use

Mipa EP-Grundierfiller is a chromate-free 2K primer-filler for an economic car and large vehicle coating. The product combines the properties of filler and adhesion primer. The high corrosion protection and the very good adhesion also on non-ferrous metals make this product perfectly suitable for composite substrates. Very good filling capacity and adherence to steel, aluminium, zinc steel and glass fibre parts. Mipa EP-Grundierfiller provides high protection against corrosion and resistance to weathering, very good resistance to chemical and mechanical strain. Recoatable with polyester-based body fillers after forced drying (30 minutes/ 140 °F (60 °C) for a dry film thickness up to max. 5 mil (125 µm).

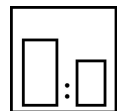
Spreading rate: 360 sq ft/ gal at 2 mil (50 µm) dry film thickness

General informations



Colour

grey (approx. RAL 7032)



Mixing ratio

Hardener

Mipa Hardener E 10 / E 25

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1



Hardener

for complete paintwork

Mipa Härter E 25

for partial paintwork

Mipa Härter E 10



Pot life

6 h at 70 °F (20 °C)



Thinner

0 - 10 % Mipa EP Verdünnung / 2K Verdünnung fast



Spray viscosity

When using the hardener E 10 the product is ready to spray.
Don't use additional reducer.

gravity spray gun

18 - 22 s 4 mm DIN

Airmix/Airless

40 - 50 s



Application mode

Application mode

HVLP (low pressure)

HVLP (low pressure)

brushing, rolling*

Hardener

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–

pressure
(bar)

23 - 29 psi

1,6 - 2 bar

–

nozzle (mm)

1,3 - 1,8

1,3 - 1,8

–

spray
passes

2 - 3

2 - 3

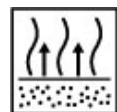
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Thinner

0 - 10

0 - 10

0 - 5



Flash-off time

5 - 8 min between coats and oven drying

Dry coat thickness

15 - 20 µm (adhesion promoter)
up to 125 µm (sanding filler)



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C) E 10	10 min.	–	–	12 h	30 min.

Note

Storage:

In tightly closed original containers at least 3 years shelf life.
Storage temperature range 50 - 86°F (10 - 30 °C)
Protect package from direct sunlight and heat.

VOC Information:

VOC as packaged:
less exempt solvents 486 g/l / 4.1 lb/gl
with exempt solvents 486 g/l / 4.1 lb/gl

VOC as applied:
with Mipa hardener E 10 max. 553 g/l, or 4.61 lb/gl
with Mipa hardener E 25 max. 531 g/l, or 4.43 lb/gl

Always check local VOC laws to ensure that the use of Mipa products is compliant in your area.

Processing conditions:

From 50 °F (+10 °C) and up to 80 % relative air humidity. Ensure an adequate supply and exhaust air ventilation.

General informations:

The substrate must be clean, dry and free from grease. Zincd substrates must be pre-treated with an ammoniac wetting agent.

Pre-treatment: Sand aluminium with P 240, steel with P 120. After sanding clean again thoroughly. In case of single stage topcoat use sanding paper P 400 for dry sanding or P 600 for wet sanding. In case of a basecoat-clearcoat application, we recommend to use the sanding paper P 500/ 600 for dry sanding and P 800/ 1000 for wet sanding. After having mixed the two components wait 15 minutes before applying. Tools should be cleaned immediately after use.

Safety aspect:

For professional use only. Not for sale to or use by the general public. Before opening the packages be sure you understand the warning Messages on the Labels and Safety Data Sheets of all components since the mixture will have the hazards of all of its parts. The manufacturer recommends the use of an air supplied Respirator when exposed to vapors or spray mist.

Medical Response:

Emergency Medical or Spill Control Information 011 49(0)700 24112112 (MIP)
US Emergency Phone Number (for transportation incidents only) 1-800-535-5053 (Infotrac)

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