

Product Information

Product description

Operational Sector :	Mipa EP-Grundierfiller is a chromate free 2K-primer based on epoxide resin for efficient paintings of cars and industrial vehicles. This product combines the advantages of a primer/filler and an adhesive primer. High protection against corrosion and excellent adhesion, even on non-ferrous metals. It is therefore especially suited for various kinds of composite substrates.	
Features :	Excellent filling power, adhesion to steel, aluminium, galvanized sheet metal; glass fibre reinforced plastics; shock and scratch resistant. High protection against corrosion, resistant to weathering, very good chemical and mechanical resistance. Re-coatable with a polyester putty after force drying (30 min. / 60 - 80°C) by a coat thickness of up to 120 µm EP-Grundierfiller.	
Binder basis :	A combination of epoxide-polyamide resin	
Colours/Gloss :	RAL 7032 pebble grey	
Specification :	Grade of Gloss: mat	DIN 67 530
	Specific Weight: 1,50 g/cm ³	DIN 51 757
	Viscosity: approx. 150 s 4 mm	DIN 53 211
Storage :	At least 3 years, if stored in tightly closed original containers.	
VOC content :	EU limiting value for the product (cat. B/c): 540 g/l This product contains max. 535 g/l VOC [4.46 lbs/gal]	

Application

Processing conditions :	From + 10 °C and up to 80 % relative air humidity.
Suitable substrates :	Iron and steel, aluminium, sanded galvanized sheet, dried and sanded old paintings.
Substrate preparation :	Clean, dry, free of dust, rust, oil and grease. Sand and clean with Mipa Silikonentferner.
Mixing ratio :	2 parts by volume Mipa EP-Grundierfiller 1 part by volume Mipa EP-Härter E10 or E25
Application process :	Mipa EP-Grundierfiller can be applied through brushing, rolling or spraying (Air/Airless) Brushing and rolling: after mixing no dilution is necessary

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.

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Spraying (Air):

Viscosity : 18 - 20 s 4mm DIN
Nozzle : 1,5 - 1,8 mm
Pressure : 4 bar
Operations : 2 - 3

Spraying (Airless):

40 - 50 s 4 mm DIN
0,28 - 0,33 mm
120 - 150 bar

Dilution :

Mipa EP-Verdünnung; add up to 10% when Hardener EP25 is used. No dilution is necessary when Hardener EP10 is added.

Drying times :

Dust dry: with E25 after 30 min., E10 after 10 min.
Re-coatable: with Hardener E25 after 1 h, E10 after 30 Min.
Sandable: after 12 h
Full hardness: after 24 h
Force drying at 60 - 80°C possible;
drying time: approx. 30 - 60 min.
By drying times longer than 24 h, an intermediate sanding is required.

Pot life :

10 h

Groundcoat :

Mipa EP-Grundierfiller used as a:
Primer: 40 - 50 µm
Sandable Filler: up to 100 µm
Adhesion promoter: 15 - 20 µm
Attention: only approx. 40 µm could be reached at maximum when the hardener E10 is used.

Top Coat :

Mipa 2K paints

Consumption :

5 - 6 m² / l

Special remarks

Wait 15 min. after the mixing of the two components before use.

Safety instructions

Use only in well ventilated rooms. During work, do not smoke, eat or drink. Keep out of the reach of children.

Cleaning of tools

Tools should be cleaned immediately after use or after long delays with Nitroverdünnung (cellulosic thinner). Spray dust should also be cleaned with Nitro-thinner. Dried films can be removed with a paint remover (Mipa Abbeizer).

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