Mipa EP-Grundierfiller

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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 combined substrates (where there are more than one type of metal).

Features :

Excellent filling power, adhesion on 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 resins

Colours/Gloss :

RAL 7032 pebble grey

Specification :

Grade of Gloss:	dull	**DIN 67 530**
Specific Weight:	1,50 g/cm³	**DIN 51 757**
Viscosity:	approx. 150 s 4 mm	**DIN 53 211**

Storage :

At least 3 years, if stored in tightly closed original containers.

Hazards Identification :

VbF:	n/a
Hazardous materials ordinance:	inflammable; Xi

VOC-regulation:

EC limiting value for the product (cat. B/c): 540 g/l (2007)
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, dryed 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:
without thinner, ready mixed

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	Spraying (Air):	Spraying (Airless):
Viscosity	: 18 - 20 s 4mm DIN	40 - 50 s 4 mm DIN
Nozzle	: 1,5 - 1,8 mm	0,28 - 0,33 mm
Pressure	: 4 bar	120 - 150 bar
Operations	: 2 - 3	

Thinner : 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

Primer : Mipa EP-Grundierfiller used as a:

Primer:	40 - 50 µm
Filler:	up to 100 µm
Adhesion promoter:	15 - 20 µm

Attention: only approx. 40 µm could be reached 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. Dryed films can be removed with a paint remover (Mipa Abbeizer).