

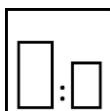
Technical leaflet - Product information

EP-Grundierung hellgrau

EP-Grundierung hellgrau is a chromate-free 2K primer filler for an economic car and large vehicle coating. The product combines the properties of filler and adhesion promoter. 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 GRP. Shock and scratch-resistant. EP-Grundierung hellgrau 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/ 60-80°C) for a dry film thickness up to max. 120 µm.



Color
Light grey



Mixing ratio
Hardener

By weight
Varnish : Hardener

By volume
Varnish : Hardener

Hardener for
EP-Grundierung hellgrau -

2 : 1



Pot life
10 h at 20 °C



Dilution
EP dilution, addition 0 - 10 %



Spray viscosity

Spraying viscosity 4 mm DIN

Gravity spray gun

Airmix/Airless

18 – 22 s

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Application

Application method	Hardener	Pressure (bar)	Nozzle (mm)	Spray passes	Thinner
Gravity spray gun	--	1,6 – 2,0	1,3 – 1,8		
HVLP	--	1,6 – 2,0	1,3 – 1,8		

0.7 bar internal nozzle pressure

Spraying operations

2 - 3

DFT

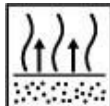
15 - 100 µm

Consumption

5 - 6 m²/l (at 40 - 50µm DFT)

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Flash-off time

5 - 8 minutes between the coatings
10 - 15 minutes before the oven drying



Drying time

Object temp.	Dust dry	Non-slip	Mounting fixed	Grindable	Recoatable
20 °C	30 min	--	--	12 h	1 h
60 °C	--	--	--	1 h	--

VOC- Legislation:

EU limit value: Category B/c 540 g/l
This product contains max. 540 g/l.

Processing conditions:

Ensure an adequate supply and exhaust air ventilation. Working temperature must be at least +10 °C. Max. air humidity 80 %.

Processing information:

Substrate preparation:

The substrate must be clean, dry and free from grease. All substrates must be cleaned beforehand with silicone remover. Zinced substrates must be pre-treated with an ammoniac wetting agent. Pre-treatment: Sand aluminium with P 220, steel with P 120. After sanding clean again thoroughly with silicone remover. In case of one-layer topcoat use sanding paper P 400 for dry sanding or P 600 for wet sanding. In case of a two-layer topcoat 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..