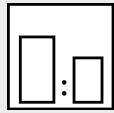


Intended use

2K epoxy topcoat for steel, zincd substrates, aluminium, GRP and mineral substrates. Also suitable for coating floors in garages and warehouses. Learn more about application and product properties in technical data sheet Mipa EP 200-50 Floorcoat.

Processing instructions



Mixing ratio

hardener

EP 950-XX

by weight (lacquer : hardener)

2 : 1

by volume (lacquer : hardener)

2 : 1



Hardener

Mipa EP 950-10, EP 950-25



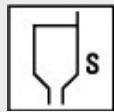
Pot life

with hardener -25 approx. 6-8 h at 20°C



Thinner

Mipa EP-Verdünnung



Spray viscosity

gravity spray gun

20 - 30 s 4 mm DIN

Airmix/Airless

30 - 40 s 4 mm DIN



Application mode

application mode

hardener

pressure (bar)

nozzle (mm)

spray passes

dilution

gravity spray gun/
HVLP

–

2,0 - 2,5

1,2 - 1,3

2 - 4

40 - 45 %

Airmix / Airless

–

100 - 120

0,23 - 0,28

1

20 - 25 %

paint brush, roller*

–

–

–

–

5 - 10 %

*suitable : lacquer roller; unsuitable: lambskin roller



Drying time

hardener

object temperature

dust dry

set to touch

ready for assembly

sandable

recoatable

–

20 °C

50 - 60 min

8 - 10 h

48 h

–

1 h

–

60 °C

–

–

60 min

–

–

When drying for more than 24 h intermediate sanding is necessary.

Note

Characteristics:	binder base: epoxy resin solids content (% by weight): 59 - 64 solids content (% by volume): 43 - 45 delivery viscosity DIN 53211 4 mm (in s): 70 - 80 density DIN EN ISO 2811 (kg/l): 1,2 - 1,4 gloss level ISO 2813 at 60° (GU): > 80 gloss
Properties:	excellent resistance to chemical and mechanical strains highly abrasion resistant, adapted to fork lift traffic electrostatic application possible heat resistance: - short-term heat exposure: 180°C - permanent heat exposure: 150°C adhesion on steel, zined substrates, aluminium, GRP and concrete
Theoretical spreading rate :	40,5 - 43,9 m ² /kg, 2:1 by weight with EP 950-25, for 10 µm dry film thickness 48,2 - 49,9 m ² /l, 2:1 n. Gew. mit EP 950-25, for 10 µm dry film thickness
Storage:	at least 3 years in unopened original container
VOC Regulation :	EU limit value according to Directive 2004/42/EC for this product (category A/j): 500 g/l This product has the following maximum VOC-values: applied by brush/roller with 2K-EP-Härter EP 950-25: < 500 g/l of VOC
Processing conditions:	from + 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation. Recommendation: at temperatures between +10 and +15°C use EP 950-10, at temperatures above +15°C use EP 950-25.
Substrate preparation:	Remove oil, grease, rust, mill scale, rolling skins, as well as other substances impairing the function of the coating! Attention: A direct adhesion cannot be taken as granted due to most different kinds of metals, alloys, metallic and conversion coatings and so on. The adhesion must therefore be tested on the original metal substrate. steel: - blast to cleaning degree Sa 2½, remove blast residues and overcoat promptly - de-rust with hand and power tools to degree of cleanliness St 3 - degrease with Mipa WBS Reiniger or Mipa Silikonentferner zined substrates: - clean the surface with the ammonia solution Mipa Zinkreiniger - sweep blast aluminium: - degrease with Mipa 2K-Verdünnung, sand thoroughly with sandpaper P 360/400 and clean subsequently with Mipa Silikonentferner GRP: - clean (remove completely any mould release agents), if necessary, sand slightly and degrease with Mipa Silikonentferner

Proposed coating structure: single coat system
steel, zincd substrates, aluminium and GRP:
EP 200-90 with 80 - 100 µm dry film thickness

2-coat system
steel, zincd substrates, GRP:
priming coat: *EP 100-20 with 50 - 70 µm dry film thickness
finishing coat: EP 200-90 with 50 - 60 µm dry film thickness

aluminium:
priming coat: *EP 100-20 with 50 - 70 µm dry film thickness
finishing coat: EP 200-90 with 50 - 60 µm dry film thickness

*Further Mipa primers are available. Please contact your technical adviser or our application technicians.

Special notes: For professional use only.

In case of application by means of an Airmix/Airless device, it is recommended testing beforehand the equipment for its suitability.

Check colour prior to application.

If required we also offer cleaning agents that are suitable for 2-component mixing and dosing units. Please contact your technical adviser or our application technicians.

Cleaning of tools: Clean tools immediately after use with Mipa EP-Verdünnung.