

Mipa 1K-Epoxy-Primer-Spray

Item no. 21325 + Colour number

Technical data sheet

page 1 / 3

Intended use

Mipa 1K-Epoxy-Primer-Spray is a chromate-free 1-component repair filler with excellent filling properties and is therefore perfectly suited as a corrosion protection primer. Furthermore, the product offers a very high insulating effect against the effects of moisture. Can be used on solid, sanded old paintworks and shop primers or directly on steel, aluminium and galvanised substrates. Mipa 1K-Epoxy-Primer-Spray offers fast drying rates and excellent sandability. Through the extremely fine atomisation, it is easy to achieve a transition, between the old paintwork and the spot repair, without the rough overspray; thus, minimizing the subsequent intermediate sanding work. Mipa 1K-Epoxy-Primer-Spray can be overcoated with polyester putties after drying for only 30 minutes at room temperature (20 °C).

Processing instructions



Substrates

Bare steel and aluminium substrates, galvanised substrates or intact old 2K paintworks.

Pre-treatment / cleansing

Pre-clean with Mipa Silikonentferner.

Please refer to the section "Substrate preparation" for detailed information.

Characteristics

- Fast drying
- Excellent sandability
- Very high filling properties
- Excellent corrosion protection
- Excellent adhesion
- Very high insulating effect against moisture
- Very low spray mist and overspray in the fade-out zone
- Resistant to silicone remover
- Overcoatable with all common solvent- and water-based 1K and 2K topcoat systems
- Can overcoated with putty

Colour / gloss level

Grey (0001), black (0004) / matt



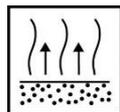
Preparation

Before use, shake can vigorously for 1 - 2 min!



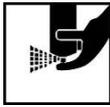
Application

Spray to test - spray distance approx. 20 - 30 cm
2 - 3 coats, dry film thickness: 40 - 50 µm



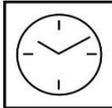
Flash-off time

3 - 5 min between the coats



After use

After use, turn can upside down and spray until the valve is clean, this prevents the valve from clogging up.



Drying time at 20 °C

Dust dry after approx.	5 min
Set to touch after approx.	10 min
Overcoatable after approx.	30 min
Overcoatable with putty after approx.	30 min
Sandable after approx.	30 min



Subsequent processing

Dry sanding: for 1-layer topcoats P 400
for 2-layer topcoats P 500 - 600



Wet sanding: for 1-layer topcoats P 600
for 2-layer topcoats P 800 - 1000

Processing conditions From +10 °C and up to 80 % relative air humidity. Ensure adequate air ventilation.

Storage Can be stored for 2 years in cool and dry places.

VOC-regulation EU limit value for this product (cat. B/e): 840 g/l
This product contains max. 715 g/l of VOC.

Safety information See safety data sheet

Substrate preparation:

The substrate must be clean and dry. Remove oil, grease, rust, mill skill, rolling skin as well as other substances impairing the function of the coating!

Remove old coatings or primers that have not cured or are not sound.

Do not use on thermoplastic substrates.

Steel substrates:

1. Pre-clean with Mipa Silikonentferner.
2. Then dry sand with P 120.
3. Afterwards, degrease with Mipa Silikonentferner.

Aluminium substrates + galvanised substrates (strip galvanising / continuous hot-dip galvanising) and electrogalvanising:

1. Pre-clean with Mipa Silikonentferner.
2. Then sand with P 220.
3. Afterwards, degrease with Mipa Silikonentferner.

Galvanised substrates (batch galvanising / discontinuous hot-dip galvanising), surface cleansing with the ammonia solution Mipa Zinkreiniger:

1. Mix Mipa Zinkreiniger 1 : 1 with water.
2. Wet sand thoroughly with a corundum synthetic non-woven web to a matt finish.
3. Allow the resulting metallic grey suspension to work for approx. 10 minutes.
4. Sand again.
5. Afterwards, rinse thoroughly with water and allow the surface to dry.

GRP:

1. Before painting, reheat the object to be painted for 60 minutes at 60°C.
2. Degrease with Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
3. Sand thoroughly with P 240 - P 320.
4. Clean again with Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
5. Allow parts to dry completely.

6. Recommended for neutralising electrostatic charges:

Blow off the surfaces by means of MP Ionisierungspistole X-ION, cleans and neutralises in one operation, reduces dust inclusions when coating. In addition, this avoids differences in pigment orientation when overcoating with metallic/ effect basecoats.

ATTENTION: Releasing agents must be removed completely! After the previously mentioned preparation, we recommend doing a wetting test with water. If the water drops roll off quickly, repeat the pre-treatment.

Intact, sound old paintworks, factory paintings:

1. Pre-clean with Mipa Silikonentferner.
2. Then sand with P 320.
3. Afterwards, degrease with Mipa Silikonentferner.

Cathodic e-coating / shop primer:

1. Pre-clean with Mipa Silikonentferner.
2. Then sand with MP Softpad Superfine or with P 320.
3. Afterwards, degrease with Mipa Silikonentferner.

When used as sanding filler after drying, sand as follows:

1. For 1-layer topcoats, sand dry with P 400 or wet with P 600.
2. For 2-layer topcoats, we recommend dry sanding with P 500 / 600 or wet sanding with P 800 / 1000.
3. Thoroughly remove sanding dust using Mipa Silikonentferner or Mipa WBS Reiniger or Mipa WBS Reiniger FINAL. Use clean, lint-free wiping cloths.

It is recommended that the sanded surfaces and/ or joints, grooves etc. are thoroughly blown off with oil-free compressed air.

4. Then clean the surface to be painted with Mipa Silikonentferner, Mipa WBS Reiniger or Mipa WBS Reiniger FINAL using a new, clean cloth.

Once the cleaners have dried completely without leaving streaks, apply the topcoat.