Mipa Rapidprimer-Spray

Item no. 21301 + Colour number

Technical data sheet

Intended use

Mipa Rapidprimer-Spray is a fast drying, high quality one-component corrosion protection primer. Especially suited as an adhesion promoter for minor repairs and sanded through areas. Adheres to iron, steel, zinc and after appropriate pre-treatment, to aluminium as well as to recoatable plastics commonly used in the automotive sector (we recommend we recommend a test application).

Processing instructions



Substrates

iron, steel, zinc and aluminium, plastics commonly used in the automotive industry

Pre-treatment / cleansing

Pre-clean with Mipa Silikonentferner.
Please refer to the section "Substrate preparation" for detailed information.

Characteristcs

Very high hiding power
Fast drying
Recoatable with all common water- and solvent-based 1K and 2K topcoat systems
Weldable according to DVS-Merkblatt 0501-Nr.275/670/99/925 (applies to the colour red-brown)
Resistant to silicone remover
Outstanding adhesion
High corrosion protection

Colour / gloss level Red brown (0001), black (0003), further colours on request! / matt



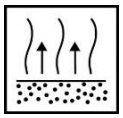
Preparation

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



Application

Spray to test - spray distance approx. 20 - 30 cm
2 - 3 coats, dry film thickness: 50 - 60 µm



Flash-off time

3 - 5 min between coats



After use

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

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Drying times at 20 °C	
Dust dry after approx.	5 min
Set to touch after approx.	10 min
Overcoatable 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 humidity. Ensure adequate air ventilation.
Storage	Can be stored for 2 years in cool and dry places.
VOC-regulation	EU limit value for the product (cat. B/e): 840 g/l This product contains max. 666 g/l of VOC.
Safety information	See safety data sheet

Processing instructions

Do not overcoat with polyester-based materials.

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 dry sand with P 220.
3. Afterwards, degrease with Mipa Silikonentferner.

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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.

Plastic substrates:
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 MP Softpad Superfine using Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
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.

Due to the wide range of plastic types and compounds available on the market, preliminary tests on original parts are indispensable.

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When used as sanding filler, follow the sanding instructions below after drying:

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.

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