Mipa 2K-EP-Grundierfiller-Spray inkl. Härter

Item no 21321 0000

Technical data sheet

Intended use

Mipa 2K-EP-Grundierfiller-Spray is a primer for the highest requirements. The excellent adhesion and corrosion protection, as well as the optimum flow particularly emphasize the characteristics of this product. Can be overcoated with solvent-based and water-based basecoats, 1K and 2K topcoats and 2K clearcoats. Very good curing and isolating effect. Resistant to solvent.

Processing instructions

Substrates

Iron, steel, zinc and aluminium

Pre-treatment / cleansing

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

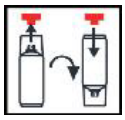
Characteristics

Very good curing and isolating effect
Excellent adhesion and corrosion protection
Outstanding flow and surface finish
Overcoatable with solvent- and water-based basecoats, 1K and 2K topcoats, 2K clearcoats
Safe and clean transfer of the hardener
Very resistant to mechanical stress and chemical agents
Fuel-resistant

Colour / gloss level beige / matt

Preparation

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



Right before spraying, take the red button from the cap, turn the spray can 180° and attach the button to the pin on the bottom of the aerosol.

Place the spray can with the cap upside down on a solid surface. Press the red button down with the heel of your hand until a stop is reached.

After the activation, shake can again vigorously.

Application

Spray to test - spray distance approx. 20 - 30 cm
2 - 3 coats, dry film thickness: 50 - 70 µm

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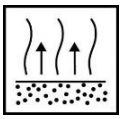

Flash-off time

10 - 15 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.

Drying time at 20 °C

Dust dry after approx.	10 - 20 min
Set to touch after approx.	5 h
Overcoatable after approx.	50 - 60 min
Sandable after approx.	12 h or 30 min drying at 60 °C

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 12 - 18 months in cool and dry places.
VOC-regulation	EU limit value for the product (cat. B/e): 840 g/l This product contains max. 675 g/l of VOC.
Safety information	See safety data sheet

Processing instructions

Mipa 2K-EP-Grundierfiller-Spray can be overcoated within 3 days without intermediate sanding.

Pot life approx. 4 days at 20 °C

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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.

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.

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.

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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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