

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

Item no. 2132 + Color number

Technical data sheet

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## 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

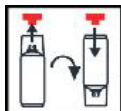
Safe and clean transfer of the hardener

Very resistant to mechanical stress and chemical agents

Fuel-resistant

### Colour / gloss level

beige (1 0000), grey (2 0000) / 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

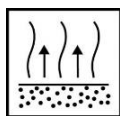
Spray to test - spray distance approx. 20 - 30 cm

2 - 3 coats, dry film thickness: 50 - 70 µm

Version: en 0325

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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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

## Substrate preparation:

The substrate must be clean and dry. Remove oil, grease, rust, mill scale, 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.

**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.