

# Mipa 1K-Leak Sealer

Item no. 68235 0000

Technical data sheet

**mipa**

Professional Coating Systems

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## Intended use

Mipa 1K-Leak Sealer is for sealing and filling holes, cracks and leaks. The Leak Sealer ensures a durable, flexible and watertight seal. In addition, the Mipa 1K-Leak Sealer prevents the penetration of moisture and thus protects against corrosion. It has a very good filling power, which means that even larger and deeper holes and cracks can be filled without any problems. Due to its universal adhesion to metals, plastics or mineral substrates, Mipa 1K-Leak Sealer can be used for a wide range of indoor and outdoor applications, e.g. rain gutters, sliding roofs, ventilation systems, pipes, etc..

## Processing instructions



### Substrates

Iron, steel, zinc and aluminium, plastics, mineral substrates

### Pre-treatment / cleansing

Pre-clean with Mipa Silikonentferner.

### Characteristics

Rubber binder  
Universal, very good adhesion  
Fast drying  
Very good filling power  
High corrosion protection (>1000h neutral salt spray test according to DIN EN ISO 9227)  
Very good water resistance (>1000h condensation climate test according to DIN EN ISO 6270)  
High flexibility  
Good UV resistance  
Overcoatable with all common solvent- and water-based 1K and 2K topcoat systems

### Colour / gloss level

black / matt



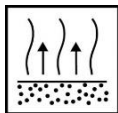
### Preparation

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



### Application

Spray to test - spray distance approx. ca. 20 - 30 cm  
2 coats



### Flash-off time

3 - 5 min before top coating

Version: en 0424

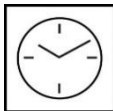
This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, 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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## 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 - 15 min
Set to touch after approx.	2 h
Totally dried	> 8 h

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

**Storage** Can be stored for 2 years in a cool, dry place.

**VOC- regulation** EU limit value for this product (cat. B/e): 840 g/l  
This product contains max. 650 g/l of VOC.

**Safety information** See safety data sheet

## Processing instruction

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.

### 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, temper the parts for 60 minutes at 60 °C..
2. Degrease with Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
3. Thorough sand with MP Softpad Superfine using Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
4. Clean with Mipa Kunststoffreiniger antistatisch or Mipa Silikonentferner.
5. Allow parts to dry thoroughly.
6. Recommended for neutralising electrostatic charges:  
Blowing off the surfaces with MP Ionisierungspistole X-ION, cleans and neutralises in one operation, reduces dust inclusions during painting. It also prevents pigment misalignment when overcoating with metallic / effect basecoats.

ATTENTION: Release agents must be completely removed!

After completion of the above-mentioned pre-treatment, we recommend a wetting test with water; if the water rolls off strongly, repeat the pre-treatment.

Due to the wide variety of plastic types and mixtures available on the market, preliminary tests on corresponding original plastic parts are recommended.