

Intended use

Mipa Spritzspachtel Plus is a premium primer system with very high filling power for professional use in vehicle repair. It is therefore also suitable for thick-film applications up to 300 µm dry film thickness. Thanks to its special formula and the resulting short drying time, unevenness, sanding marks, etc., can be leveled quickly and effectively. This allows for a high working speed, which contributes to cost reduction in paint shops.

Mipa Spritzspachtel Plus also offers a very wide adhesion spectrum and can therefore be applied to a wide variety of substrates such as steel, aluminium, galvanised substrates, putties and primed surfaces.

Mipa Spritzspachtel Plus can be recoated with solvent-based and water-based 1K and 2K topcoat systems

Processing instructions



Substrates

iron, steel, zinc and aluminium
putties and primed surfaces after sanding
plastics like POM, ABS, PVC, PC, PS, PA, PP/EPDM
wood

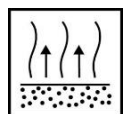
Pre-treatment / cleansing

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

Characteristics

Universal adhesion
High working speed
Very high filling power
Very high sag resistance
fast sandability

Colour / gloss level



Preparation

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

Do not subject the can to high mechanical stress!

Application

Spray to test - spray distance approx. 10 - 15 cm
2 - 5 coats, dry film thickness: 50 - 300 µm

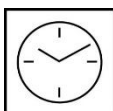
Flash-off time

2 - 3 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 times at 20 °C

Dust dry after approx.	5 - 10 min
Set to touch after approx.	15 - 20 min
Overcoatable after approx.	20 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. 840 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.

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.

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.

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.

Wood:

Only apply to perfectly dry, clean and resin-free wooden surfaces.

1. Sand the wood with P 180 – P 240 grit sandpaper.
2. Thoroughly remove dust from the sanded surfaces or blow them off with oil-free compressed air.

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.