

# Mipa Alu-Chrom-Spray

Item no 21351 0000

Technical data sheet

**mipa**

Professional Coating Systems

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## Intended use

Mipa Alu-Chrom-Spray is a particularly high-quality, heat-resistant aluminium coating. High corrosion protection for all metal surfaces such as exhaust systems, aluminium components, galvanised surfaces, etc. Conductive and spot-weldable. Highly resistant to many acids and alkalis. Heat-resistant up to 800 °C. Not abrasion resistant!

## Processing instructions



### Substrates

Iron and steel, galvanised substrates, aluminium.

### Pre-treatment / cleansing

Pre-clean with Mipa Silikonentferner.

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

### Characteristics

Heat-resistant up to 800 °C  
High corrosion protection  
99,5 % pure aluminium  
Especially suitable for spot welding  
Conductive

## Colour / gloss level

alu-chrome



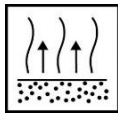
### Preparation

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



### Application

Spray to test - spray distance approx. 20 - 30 cm  
1 - 2 coats, do not exceed the dry film thickness of 30 - 40 µm, for intended high heat exposure, observe a dry film thickness of max. 30 µm!



### Flash-off time

1 - 2 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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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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### Drying times at 20 °C

Dust dry after approx.	10 min
Set to touch after approx.	1 - 2 h
Ready for assembly after approx.	24 h
Note:	Prior to the 1st exposure to heat, allow the product to dry for at least 48 h!

**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. 500 g/l of VOC.

**Safety information** See safety data sheet

### Substrate preparation:

The substrate must be clean and dry. Remove oil, grease, rust, corrosion as well as any other substances impairing the function of the coating!

Remove old coatings and 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.