

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



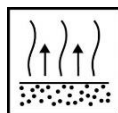
Preparation

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!



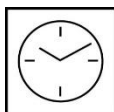
Flash-off time

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.



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.