

# Mipa Mipatherm-Spray

Item no 21236 + colour no

Technical data sheet

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## Intended use

Mipatherm-Spray is a high-quality, high-heat resistant special coating based on silicone resin for use on steel substrates such as exhaust systems, ovens, barbecue grills, etc. Heat resistance up to 800°C.

## Processing instructions



### Substrates

Iron and steel.

### 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

Optimum film properties after first exposure to heat (see "Processing instructions")

## Colour / gloss level

silver (0001), black (0002) / matt



### Preparation

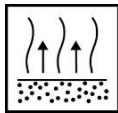
Before use, shake can vigorously for 1 - 2 minutes!



### Application

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

2 - 3 coats, dry film thickness: 15 - 20 µm



### Flash-off time

5 - 8 min between coats

At least 10 - 15 min prior to first exposure to heat



### 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.	30 - 60 min
Set to touch to a limited extent after approx.	5 h
Stress-resistant to a limited extent after approx.	1 - 2 h at 200 °C
Fully resistant after approx.	1 h at 300 °C

**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. 716 g/l of VOC.

**Safety information** See safety data sheet

## Processing instructions

Set to touch to a limited extent means: Slight chalking is still possible. The coating is still sensitive to mechanical and chemical stress. Therefore, it is necessary to handle the painted objects with care.

Stress-resistant to a limited extent means: A limited resistance to solvents (temporary exposure) is achieved after approx. 1 - 2 hours at 200°C. The coating is then less sensitive to mechanical and chemical stress.

Optimum film properties and full chemical and mechanical resistance are achieved after the 1st heat exposure of approx. 1 hour at minimum 300 °C.

To avoid bubbling in case of premature heat exposure, long final flash-off times must be observed or the temperature increase should be as slow as possible.

### 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!

#### Steel substrates:

1. Pre-clean with Mipa Silikonentferner.
2. Then dry sand with P 120 + final sanding with P 220 - 320.
3. Afterwards, degrease with Mipa Silikonentferner