

## Product Data Sheet

### Heat-Resistant Coatings

#### NewPro TEMP Bronze-Silver

##### Product and Material Description:

Light silver coating material for decorative coatings in indoor areas, not wipe-resistant and not intended as a protective coating, typical stove pipe paint.

Heat resistant up to approx. 400°C. Heat above 400°C welds the binding material with partial yellowing results, the aluminium pigment sinters with the degradation products of the binding material residues and the surface of the underground to form a firmly adherent, light silver and very good protective anti-corrosive coating.

An appropriate primer coating should be applied to increase the layer thickness for outdoor use.

Also available in 25 kg-containers, from 4 x 25 kg each delivery.

<b>Density</b>	1.010 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	476
<b>DFT</b> (Dry Layer Thickness) (µm):	25
<b>Coverage each m<sup>2</sup> (theor.):</b>	17.8 kg / 18.0 l
<b>Colour Shade:</b>	silver (91380)
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	10 Litres
<b>Article-Number:</b>	0014-91380

## **NewPro SIL Special-Paint grey**

### **Product and Material Description:**

Coating material on the base of highly heat-resistant silicone resin, pigmented with metal powder and metallic effect. The material contains good corrosion protection properties at the same time having a high permanent temperature resistance of 500-600°C.

According to information available to us, the material is physiologically safe in the processed state and does not free any decomposition products adverse to health, even at high temperatures.

The density is not to be misjudged!

Also available in 10 l-Containers, from 5 x 10 l each delivery.

<b>Density:</b>	2,210 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	464
<b>DFT</b> (Dry Layer Thickness) (µm):	50
<b>Coverage each m<sup>2</sup> (theor.):</b>	4.3 kg / 9.6 l
<b>Colour Shade:</b>	grey (91360)
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	5 Litres
<b>Article-Number:</b>	0039-91360

## **NewPro SIL ZS Special grey**

### **Product and Material Description:**

Silicone resin, zinc-dust paint, with high heat-resistance, protective corrosion primer coating, preferably applied to blasted under surfaces due to the zinc-dust contents.

Workable after approx. 120 Minutes.

Dry heat up to approx. 600°C.

<b>Density:</b>	2.210 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	460
<b>DFT</b> (Dry Layer Thickness) (µm):	70
<b>Coverage each m<sup>2</sup> (theor.):</b>	3.1 kg /6.9 l
<b>Colour Shade:</b>	grey (93636)
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	5 Litres
<b>Article-Number:</b>	039-93636

## **NewPro SIL HT-S Anthracite metallic silicone resin paint**

### **Product and Material Description:**

Coating material based on a high heat-resistant silicone resin.

The material has good corrosion protection properties at the same time as having a high permanent temperature resistance of 500-600°C.

The material is physiologically safe in the processed and baked state and does not free any decomposition products adverse to health, even at high temperatures

Increased delivery time, as there is a worldwide shortage of the raw materials. Therefore also observe the minimum order quantity of 4 x 5 l resp. 3 x 10 l.

<b>Density:</b>	1.170 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	570
<b>DFT</b> (Dry Layer Thickness) (µm):	30
<b>Coverage each m<sup>2</sup> (theor.):</b>	9.7 kg / 11.3 l
<b>Colour Shade:</b>	anthracite metallic (91340)
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	5 Litres und 10 Litres
<b>Article-Number:</b>	039-93636

## **NewPro SIL HT Satin Gloss Heat Resistant Paint**

### **Product and Material Description:**

Coating material based on a highly heat-resistant silicone resin. The material has good corrosion protection properties at the same time as having a high permanent temperature resistance of 500-600°C.

The material is physiologically safe in the processed and baked state and does not free any decomposition products adverse to health, even at high temperatures

Increased delivery time, as there is a worldwide shortage of the raw materials. Therefore also observe the minimum order quantity of 4 x 5 l resp. 3 x 10 l.

<b>Density:</b>	1.310 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	549
<b>DFT</b> (Dry Layer Thickness) (µm):	50
<b>Coverage each m<sup>2</sup> (theor.):</b>	5.8 kg / 7.6 l
<b>Colour Shade:</b>	various Colour Shades
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	10 Litres
<b>Article-Number:</b>	4039-xxxx

## **NewPro ALKYD S Graphite Paint matt**

### **Product and Material Description:**

Special coating material with good heat dissipation and heat stability provided by the graphite. For corrosion protection of hot surfaces such as e.g. heat-up valves of heating systems.

For undergrounds such a cast-iron and steel.

No weather resistance! Limited wipe-off properties.

Dry heat to above 200°C, reduction of gloss possible. Very quick drying and drying out properties.

Reference: Expiring Article!!

Minimum Order Quantity 3 x 10 l each delivery!

<b>Density:</b>	1.170 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	432
<b>DFT</b> (Dry Layer Thickness) (µm):	50
<b>Coverage each m<sup>2</sup> (theor.):</b>	8.5 kg / 10.0 l
<b>Colour Shade:</b>	black (91350)
<b>Thinners:</b>	0089-00580 improves drying
<b>Container Size:</b>	10 Litres
<b>Article-Number:</b>	6007-91350

## **NewPro TEMP Exhaustpipe silver**

### **Product and Material Description:**

- Matt -

Heat-resistant special product.

Wipe-Off properties, Heat-Resistant up to 400°C.

An appropriate primer coat should be applied beforehand due to a low dry layer thickness. On carbon steel e.g. our NewPro SIL ZS special grey, Art.-No. 0039-93636.

Special KW-resin binds the aluminium pigment with the surface from temperatures above 200°C, and after temporary yellowing.

This is a price worthier version in comparison to Art.-No. 6083-9006-01. Not weather resistant.

**Density:** 1.100 g/cm<sup>3</sup>

**VOC** (volatile organic compounds) (g/l): 532

**DFT** (Dry Layer Thickness) (µm): 30

**Coverage each m<sup>2</sup> (theor.):** 11.5 kg / 12.7 l

**Colour Shade:** silver (9006)

**Thinners:** 0089-00580 improves drying

**Container Size:** 10 Litres

**Article-Number:** 6014-9006

## **NewPro SIL HT Matt Paint white aluminium 906**

### **Product and Material Description:**

- smear-resistant -

Highly heat-resistant, light silver paint based on polysiloxane resin.

Dry Heat up to 500°C.

The material has to be heated once for 30 minutes at 200°C to achieve the various resistance levels.

Due to the higher dry layer thickness, the material should be applied over a primer in outdoor use.

Minimum order quantity 2 x 10 l each delivery.

**Density:** 1.150 g/cm<sup>3</sup>

**VOC** (volatile organic compounds) (g/l): 545

**DFT** (Dry Layer Thickness) (µm): 40

**Coverage each m<sup>2</sup> (theor.):** 8.3 kg / 9.5 l

**Colour Shade:** (95890)  
White aluminium (906 )

**Thinners:** 0089-00580 improves drying

**Container Size:** 10 Litres

**Article-Number:** 6039-95890

## **NewPro ACRYL T Alu-Matt Paint**

### **Product and Material Description:**

Heat-Resistant light silver (top coat) covering material for steel surfaces, smudge-resistant.

Resistant up to 400°C dry heat! Weather resistant!

Special acrylic resin which after heating above 80°C binds the aluminium pigment to the underground.

Due to the higher dry layer thickness, the material should be applied over a primer in outdoor use.

e.g. NewPro SIL ZS special grey, Art.- No. 0039-93636 or NewPro SIL HAT Matt Paint, Art.-No. 6039-95890.

<b>Density:</b>	1.030 g/cm <sup>3</sup>
<b>VOC</b> (volatile organic compounds) (g/l):	606
<b>DFT</b> (Dry Layer Thickness) (µm):	30
<b>Coverage each m<sup>2</sup> (theor.):</b>	9.1 kg / 9.3 l
<b>Thinners:</b>	0089-09200
<b>Container Size:</b>	10 Litres
<b>Article-Number:</b>	6083-9006-01