

CHARACTERISTICS

Silicone paint pigmented with aluminium pigments. The coatings well adhered to steel surfaces; resistant to continuous action of temperature up to 650°C and up to 500 °C when applied on surfaces covered with Galwasol[®] 19.

PRODUCT USE**For independent protection:**

- steel construction exploited in temperature up to 650 °C.

As a topcoat:

- steel construction primed with ethyl zinc silicate paint Galwasol[®] 19 exploited in temperature up to 500 °C.
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PROPERTIES

Density (about), g/cm ³	1.25
Flash point (minimum), °C	23
Recommended single coat thickness, µm	30
Recommended single layer thickness, µm	70
Theoretical coverage for coat 30 µm thick, dm ³ /m ²	0.07
Content of non-volatile substances, % volume	42
Recommended layer number	1-2
LZO, g/dm ³	490

Given data may vary slightly due to standard manufacturing tolerances.

COLOUR

850 aluminium grey

SUBSTRATE PREPARATION

- Before cleaning of surfaces it is recommended to wash all surface with water with addition of Oliclean 123, and next rinse with clean water.
 - Steel surfaces cleaned to cleanliness degree at least Sa 2 ½ according to ISO 8501-1.
 - Coat of zinc ethyl silicate paint dry, without visible corrosion, free of salt, grease and dust.
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APPLICATION METHODS

Airless spray, brush, paint roller.

Airless spray parameters:

Nozzle size	0.33 – 0.43 mm
Nozzle pressure	10 - 15 MPa

THINING

Not required. If necessary (e.g. thickening) use Thinner 779 (See Technical Data Sheet).

For cleaning equipments: Thinner 779 .

**APPLICATION
CONDITIONS****Application conditions:**

- minimum temperature of the substrate +5°C and at least 3°C higher than dew point temperature,
- ambient temperature minimum +5 °C
- minimum paint temperature +15°C,
- maximum air relative humidity 80%
- good ventilation.

Drying time (at 20°C):

dust free - 0,5 h,
touch dry - 1 h,

Overcoating intervals:

Temperature	20°C	10°C
Minimum	2h	4h
Maximum	unlimited	

The above data apply to a layer of recommended thickness, in case of drying where good ventilation is ensured. The above times in practice depend on site conditions, temperature, ventilation, coats number.

The coat obtains total mechanical strength following exposure to temperature at least 200°C, during minimum 60 minutes. Exposure may follow after at least 60 minutes (at temperature of 20°C) of new coat conditioning.

**ADDITIONAL
INFORMATION**

- Typical dry film thickness range using airless spray is from 15 to 40 microns. Changing the thickness of the coating changes the theoretical consumption, thickness, weight of dry coating, drying time, time of recoating and finishing work.
- In case when paint is applied on zinc silicate coat it is recommended to apply the first layer in thickness not more than 15µm.

SHELF LIFE

The storage stability is shown on the label. Store in cool place and tightly closed can.

CAUTION!

During application and drying of the coating flammable and health threatening substances are emitted. It is important to avoid inhaling the fumes of the product and contact with the eyes and skin. Use only in well ventilated rooms. Detailed information on dangerous substances contained in the products and threats connected with them are included in the specification cards of the dangerous substances, which we make available at the Customers' request.

The information of this data sheet is normative, based on laboratory tests and our experience. It is available for our Customers' convenience. We accept however, no liability for the actual application work, as this is to great extend dependent on the conditions during handling and application. We accept no liability for any damage from misapplication of the product.

The technical terms in the instruction are explained at the beginning of the catalogue. We reserve the right to include changes in the instruction without prior notice.