

CHARACTERISTICS

Silicone pigmented aluminium enamel. Good adhesion to the substrate, good physical and chemical properties and resistant to temperatures up to +500°C.

PRODUCT USE

As finishing coat for steel structures exposed to temperatures up to 500°C.

PROPERTIES

Density (around), g/cm ³	1.2
Flash point (over), °C	23
Recommended dry film thickness, µm	20
Recommended wet film thickness, µm	50
Theoretical coverage for coat 15 µm thick, dm ³ /m ²	0.05
Content of non-volatile substances, % volume	42
Recommended layer number	1 - 2
VOC, g/dm ³	490

The above data may vary due to standard manufacturing deviations.

COLOUR

850 aluminium

SUBSTRATE PREPARATION

- Coat OLITERM 52 paint or GALWASOL[®], dry, free from corrosion, salts, grease and dust.

APPLICATION**METHOD**

Airless spray, a brush, a paint roller.

Airless spray parameters:

Nozzle size	0.33 – 0.43 mm
Pressure	10 - 15 MPa

THINING

Thinning not required. If necessary (e.g. thickening) apply Thinner 779 (See Technical Data Sheet).

For cleaning equipment: Thinner 779.

APPLICATION CONDITIONS**Conditions during application:**

- substrate and environment minimum temperature +5° C and at least 3°C over dew point,
- 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,

Recoating Time:

Temperature	20°C	10°C
Minimum	2h	4h
Maximum	30 days	

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.

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

ADDITIONAL INFORMATION

- A single layer thickness may defer from the recommended one during preparation of painting specification, depending on purpose and element type. In case of airless spray standard thickness range of a single coat is from 15 up to 30. Dry coat thickness change results in change of theoretical coverage, wet coat thickness, dry coat mass, drying times, time of recoating and putting into use

SHELF LIFE

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

CAUTIONS!

During application and drying coats give out flammable and harmful substances. Avoid inhalation of product odours and mist and contact with skin and eyes. Apply in spaces with good ventilation only. Further data regarding hazardous substances included in products and related hazards are provided in Safety Data Sheets that are available upon 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.