

OLITERM 25

Alkyd-silicon paint

OLITERM 25 is a heat resisting enamel based on silicon modified alkyd resin. Pigmented with aluminium. Coat with gloss, good adhesion to the substrate, good mechanical properties. Resistant to atmospheric conditions and temperatures up to 200°C. Under the influence of high temperature the colour of coat may changes.

As finishing coating for construction operated in urban and industrial atmosphere, steel construction exposed to temperature up to 200°C e.g. heating pipelines, chimney shafts.

The paint dries at room temperature.



TECHNICAL DATA

Fields of application	Pipelines, Steel constructions								
Recommended substrate	Steel								
Binder	Alkyd-silicone								
Solids	40±2% by volume (ISO 3233)								
Total mass of solids	Approx. 560 g/l								
Volatile organic compound (VOC)	Approx. 480 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.								
Theoretical spreading rate	<table border="1"><thead><tr><th>Dry film (µm)</th><th>Wet film (µm)</th><th>Theoretical spreading rate (m²/l)</th></tr></thead><tbody><tr><td>15</td><td>38</td><td>26.3</td></tr></tbody></table>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)	15	38	26.3		
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	As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than double of the thickest recommended film.								
Practical spreading rate	The values depend on the application technique, surface conditions, overspray, etc.								
Colours	TO-850 aluminium								
Gloss (60°)	Gloss								
Thinner	TEKNOSOLV 724								
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.								

DIRECTION FOR USE

Surface preparation

Before cleaning of surface, it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.

Coat of OLITERM 22 paint or GALWASOL 19 must be dry, free from corrosion, grease, dust and any contaminations.

Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

Application method

Airless spraying, Conventional spraying, Brush, Roller

Application

Stir thoroughly before use.

Apply by airless spray, brush, roller or conventional spray.

Suitable airless nozzle size 0.013 - 0.015".

Application conditions

The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and the relative air humidity below 80%. Additionally, the temperature of the surface to be treated and the product must be at least +3°C above the dew point of the ambient air. Adequate ventilation during application and drying period is recommended.

Drying time

+23°C / 50% RH (dry film 15 µm)

- dust free

after 4,5 h

- touch dry

after 5 h

Overcoatable

Surface temperature	By itself	
	Min.	Max.
+23°C	24 h	21 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.

The shortest period of time (in 23°C) between applying the paint and exploitation the coat should be at least 48h.

Full mechanical properties coat of alkyd silicon paint obtain after longer period of drying.

Cleaning

TEKNOSOLV 724

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

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