

OLITERM 22

Alkyd-silicone paint

OLITERM 22 is a heat resisting primer based on silicon modified alkyd resin. Lead- and chromate – free paint. Coating with good adhesion to the substrate, good mechanical properties. Resistant to temperatures up to 200°C and periodic influence of oils in temperature up to 80°C.

For priming construction in urban and industrial atmosphere or steel construction exposed to temperature up to 200°C e.g. heating pipelines, chimney shafts. As a self-protection for constructions under heat insulations.

The paint dries at room temperature.



TECHNICAL DATA

Fields of application	Pipelines, Steel constructions								
Recommended substrate	Steel								
Binder	Alkyd-silicone								
Solids	51±2% by volume (ISO 3233)								
Total mass of solids	Approx. 970 g/l								
Volatile organic compound (VOC)	Approx. 350 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>50</td><td>98</td><td>10.2</td></tr></tbody></table>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)	50	98	10.2		
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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-840 silver grey								
Gloss (60°)	Matt								
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	<p>Before cleaning of surface, it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.</p> <p>STEEL SURFACES: The surface to be treated must be dry, salt-, grease- and dust-free, cleaned to the degree of cleanliness according to ISO 8501-1 at least St 3.</p> <p>Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.</p>								
Application method	Airless spraying, Brush								
Application	<p>Stir thoroughly before use.</p> <p>Apply by airless spray or brush.</p> <p>Suitable airless nozzle size 0.013 - 0.017"</p>								
Application conditions	<p>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.</p>								
Drying time	+23°C / 50% RH (dry film 50 µm)								
- dust free	after 4,5 h								
- touch dry	after 6 h								
Overcoatable	<table border="1"><thead><tr><th rowspan="2">Surface temperature</th><th colspan="2">By itself or by OLITERM 25</th></tr><tr><th>Min.</th><th>Max.</th></tr></thead><tbody><tr><td>+23°C</td><td>24 h</td><td>21 days</td></tr></tbody></table> <p>Given indications relates to the recommended coating thickness, drying in good ventilation conditions. The above times in practice depend on site conditions, temperature, ventilation, coats number.</p> <p>OLITERM 22 with a minimum thickness of 140 µm can also be applied as a independent protection for constructions working under insulation. The shortest period of time (23°C) between applying the paint and exploitation the coat should be 72h. Full mechanical properties coat of alkyd silicon paint obtain after longer period of drying.</p>	Surface temperature	By itself or by OLITERM 25		Min.	Max.	+23°C	24 h	21 days
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Cleaning	TEKNOSOLV 724								
HEALTH AND SAFETY									
Safety and precaution measures	See safety data sheet.								

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