

CHARAKTERISTICS

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.

USAGE

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.

SPECIAL PROPERTIES

The paint dries at room temperature.

TECHNICAL DATA

Solids 40±2% by volume

Total mass of solids abt. 560 g/l

Volatile organic compounds (VOC) abt. 480 g/l

Recommended film thickness and theoretical spreading rate Dry film (µm) 15 Wet film (µm) 38 Theoretical spreading rate (m²/l) 26,3

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.

Drying time, +23°C/50% RH (dry film 15 µm)

- dust free
- touch dry

po 4,5 h
po 5 h

Overcoatable, 50% RH (dry film 15 µm)

surface temperature	by itself	
	min.	max.
+23°C	24 hours	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.

Thinner TEKNOSOLV 724

Clean up TEKNOSOLV 724

Finish Gloss

Colours 850 aluminium

SAFETY MARKING See Safety Data Sheet.

DIRECTION FOR USE

Surface preparation

Before cleaning it is recommended to wash the surface with water containing an admixture of OLICLEAN 123 and then to rinse it with clean water.
Coat of OLITERM 22 paint or GALWASOL 19 dry, free from corrosion, grease, dust and any contaminations.

Application conditions

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.
Additionally the temperature of the surface to be painted and the paint must be at least 3°C above the dew point of the ambient air. Good ventilation must be provided.

Application

Before use stir the paint thoroughly.
Apply by airless spray, a paint roller, a brush, air spay.
Use airless spray nozzle 0.013 - 0.015".

ADDITIONAL INFORMATION

The storage stability is shown on the label. Store in a cool place and in tightly closed containers.
Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.
