

Fontecryl SC 50

DESCRIPTION

A waterborne, one component fast drying alkyd modified acrylic paint which contains active anticorrosive pigments.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for product painting in metal industry and painting stations.
- ◆ Recommended especially as a single coat paint system for steel structures indoors and outdoors.
- ◆ Typical uses are e.g. steel frameworks, machinery and equipment.
- ◆ Not suitable for immersion or constant humidity.
- ◆ Drying times can be shortened by using higher temperatures.

TECHNICAL DATA

Volume solids 40 ± 2 %. (ISO 3233)

Weight solids 50 ± 2 %.

Specific gravity 1.2 ± 0.1 kg / l

Product code 624 -series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	100 µm	10.0 m ² /l
80 µm	200 µm	5.0 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying times

DFT 80 µm	+ 15 °C	+ 23 °C	+ 60 °C
Dust dry, after	1½ h	30 min	5 min
Touch dry, after	3h	1 ½ h	15 min
Recoatable with the product itself	No limitations		

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Semigloss.

Colours TEMASPEED FONTE tinting.

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APPLICATION DETAILS

Surface preparation	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p><u>Primed surfaces:</u> Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat. Note the overcoating time of primer. (ISO 12944-4)</p>
Primer	Fontecryl 10, Fontecryl AP.
Finish	Fontecryl SC 50
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +15°C during application or drying. Relative humidity should be between 20 - 70%. The surface temperature of the steel should remain at least 3°C above the dew point.
Application	By conventional or airless spay. The application method the paint can be thinned 0 - 10%. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 160 bar. Spray angle shall be chosen according to the shape of the object.
Thinner	Water.
Cleaning of equipment	Water or Fonteclean 1921. The equipment must be cleaned immediately after use before the paint dries.
VOC	The Volatile Organic Compounds amount is 40 g/litre of paint. VOC content in paint (thinned 10 % by volume) is 35 g/l.
HEALTH AND SAFETY	Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oyj.

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