

FONTELAC 90

DESCRIPTION

A waterborne, one component high gloss top coat based on polyurethane dispersion.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for product painting in metal industry and for painting stations.
- ◆ Recommended especially as a high gloss finish for small tanks, agricultural machinery, haulage equipment and other machinery and equipment.
- ◆ Good gloss and colour retention in climatic stress.
- ◆ Not suitable for immersion or constant humidity.

TECHNICAL DATA

Volume solids 43 ± 2 %. (ISO 3233)

Weight solids 50 ± 2 %.

Specific gravity 1.2 ± 0.1 kg / l

Product code 202-series

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
35 µm	80 µm	12.3 m ² /l
60 µm	140 µm	7.2 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 40 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	10 h	2 - 3 h	½ h
Touch dry, after	24 h	4 - 6 h	1 h
Recoatible, after	72 h	4 h	2 h

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

Finish Glossy.

Colours TEMASPEED FONTE tinting.

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APPLICATION DETAILS

Surface preparation	<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)
Primer	FONTECRYL 10, FONTECRYL AP, FONTECRYL 25, TEMAPRIME AB, TEMAPRIME EE, TEMAPRIME EUR, TEMAPRIME GF, TEMAPRIME ML and TEMAZINC EE.
Finish	FONTELAC 90.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +10 °C during application or drying. Relative humidity should not exceed 70 %. The surface temperature of the steel should remain at least 3 °C above the dew point.
Application	By spray, brush or dipping. Depending on the application method the paint can be thinned 0 - 5 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 180 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 75 g/litre of paint. VOC content of paint (thinned 5 % by volume) is 70 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 Coatings Oy.

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