

## 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 <sup>2</sup> /l
60 µm	140 µm	7.2 m <sup>2</sup> /l

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

### Drying time

DFT 40 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	10 h	2 - 3 h	½ h
Touch dry	24 h	4 - 6 h	1 h
Recoatable	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** By request.

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## APPLICATION DETAILS

<b>Surface preparation</b>	<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)
<b>Primer</b>	FONTECRYL 10 and 25, TEMAPRIME AB, TEMAPRIME EE, TEMAPRIME EUR, TEMAPRIME GF and TEMAPRIME ML, TEMAZINC EE 91.
<b>Finish</b>	FONTELAC 90.
<b>Application conditions</b>	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +10 °C / 50 °F during application or drying. Relative humidity should not exceed 70 %. The surface temperature of the steel should remain at least 3 °C / 38 °F above the dew point.
<b>Application</b>	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"; spray angle shall be chosen according to the shape of the object.
<b>Thinner</b>	Water.
<b>Cleaning of equipment</b>	Water or VO cleaner. The equipment must be cleaned immediately after use before the paint dries.
<b>VOC</b>	The Volatile Organic Compounds amount to 85 ± 5 g/litre of paint.
<b>HEALTH AND SAFETY</b>	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.  For professional use only.

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