

## FONTELAC QD 80

### DESCRIPTION

A waterborne, one component glossy topcoat based on an alkyd dispersion.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for product painting in metal industry and for painting stations.
- ◆ Recommended especially as a glossy 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** 40 ± 2 %. (ISO 3233)

**Weight solids** 52 ± 2 %.

**Specific gravity** 1.2 ± 0.1 kg / l

**Product code** 207-series.

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
35 µm	90 µm	11.4 m <sup>2</sup> /l
60 µm	150 µm	6.7 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	+ 60 °C
Dust dry, after	1 h	30 min	10 min
Touch dry, after	2 h	1½ h	20 min
Recoatable, after	2 h	1 h	20 min

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

<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, FONTECRYL AP, FONTECRYL 25, TEMAPRIME EE, TEMAPRIME EUR and TEMAPRIME GF.
<b>Finish</b>	FONTELAC QD 80.
<b>Application conditions</b>	All surfaces must be dry. The temperature of the ambient air, surface and 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.
<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" - 0.013" and nozzle pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object.
<b>Thinner</b>	Water.
<b>Cleaning of equipment</b>	Water or FONTECLEAN 1921. The equipment must be cleaned immediately after use before the paint dries.
<b>VOC</b>	The Volatile Organic Compounds amount is 87g/litre of paint. VOC content of the paint (thinned 5% by volume) is 85 g/litre.
<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 Oy.

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