

FONTECOAT EP 60

- DESCRIPTION** A two component, waterborne epoxy topcoat and a single coat paint.
- PRODUCT FEATURES AND RECOMMENDED USES**
- ∅ Used as a topcoat for epoxy paint systems on steel surfaces or as a single coat paint.
 - ∅ Resistant against modest mechanical and chemical stress.

TECHNICAL DATA

Volume solids 45 ± 2 %.

Density 1.4 kg / litre (mixed).

Product codes and mixing ratio

Base	1 part by volume	168 - series.
Hardener	1 part by volume	007 1019

Pot life 1½ h (23 °C/ 74 °F).

Film thicknesses and theoretical coverage

	Film thickness		Theoretical coverage
	wet	dry	
application range	110 - 350 µm	50 - 160 µm	9.0 - 2.8 m ² /l
typical	220 µm	100 µm	4.5 m ² /l

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

Drying time

DFT 100 µm	+ 15 °C	+ 23 °C	+ 35 °C
Dust dry	4 h	2 h	1 h
Touch dry	8 h	5 h	2 h
Recoatable (min.), by itself	16 h	6 h	4 h
Fully cured	14 d	7 d	3 d

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

Thinner Water.

Cleaning of equipment Water or a mixture of water and Thinner 1029, 1:1. The equipment must be cleaned immediately after use before the paint has dried.

Finish Semigloss.

Colours By request.

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APPLICATION DETAILS

Surface preparation

Remove firm contaminations in order to make the cleaning easier. Remove salts, grease and oil with a suitable detergent. Rinse the surfaces thoroughly with water.

Steel surfaces: Blast clean to grade Sa2½ (ISO 8501-1).

Primed surfaces: Remove water soluble salts, oil and grease and other contaminants which may harm coating. Let the surfaces dry and remove dust. Touch up damages in the primer coat. (ISO 12944-4).

Primer

FONTECOAT EP PRIMER, FONTECOAT EP 60, TEMACOAT GPL-S PRIMER.

Finish

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Application conditions

All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +15 °C / 59 °F during application and drying. Relative humidity should not exceed 70 %. The surface temperature of the steel should remain at least 3 °C / 5 °F above the dew point.

Application

By airless spray or brush. Before the mixing of components, base:hardener (1:1) those should be thoroughly stirred. The correct proportions of base and hardener must be mixed thoroughly before use, mechanical mixing is recommended. If necessary, the paint can be thinned 0-15 %. Airless spray nozzle tip 0.011"-0.015"; spray angle shall be chosen according to the shape of the object.

VOC

The Volatile Organic Compounds amount to 60 ± 5 g/litre of paint.

HEALTH AND SAFETY

At all times observe precautionary notices on containers. Further information about hazardous influences and protection against those are described in Safety Data Sheet.

A health and safety data sheet is available on request from Tikkurila Coatings OY.

As a general rule, avoid inhalation and skin contact and provide sufficient ventilation. Splashes on skin have to be washed off immediately. Splashes in eyes, rinse with plenty of water and consult a medical centre if the irritation continues.

For professional use only.