

Fontecoat EP 80



TYPE A two component waterborne epoxy topcoat.

SUITABILITY Used as a topcoat in epoxy paint systems for steel surface. Can also be applied onto concrete substrate e.g. walls, plasterboard etc.

EXAMPLES OF USE -

TECHNICAL DATA

Features Resistant against modest mechanical and chemical stress.

Colour Cards TEMASPEED FONTE tinting.

Gloss groups Gloss

Coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
50 µm	105 µm	9.4 m ² /l
80 µm	170 µm	5.9 m ² /l

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

Thinner Water

Mixing ratio Base 1 part by volume 169-series
Hardener 1 part by volume 007 1019

Application method By airless spray or brush.

Pot-life (+23°C) 1½ h.

Drying times

DFT 70 µm	+ 15 °C	+ 23 °C	+ 35 °C
Dust dry, after	4 h	2 h	1 h
Touch dry, after	8 h	5 h	2 h
Recoat by itself, after	16 h	6 h	4 h
Fully cured, after	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.

Solids volume 47 ± 2 volume % (ISO 3233)
61 ± 2 weight %

Density 1,4 kg/l käyttövalmis seos.

Product code 169-series

INSTRUCTIONS FOR USE

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

Preparation	Primed surfaces: 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)
Priming	FONTECOAT EP PRIMER and TEMACOAT GPL-S PRIMER.
Finishing	FONTECOAT EP 80.
Painting	By airless spray or brush. If necessary, the paint can be thinned 0 - 10 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 140 - 180 bar. Spray angle shall be chosen according to the shape of the object.
Mixing of components	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use Temaspeed Squirrel Mixer for mixing.
Cleaning of tools	Water or a mixture of water and Thinner 1029, 1:1. The equipment must be cleaned immediately after use before the paint dries.
EU VOC 2004/42/ EC-limit value	Haihtuvien orgaanisten yhdisteiden määrä on 70 g/litra maalia. Maaliseoksen VOC (ohennettu 10 tilavuus-%) 65 g/l.

**HEALTH AND
SAFETY
CLASSIFICATION**

Noudatettava varoitusetiketin ohjeita. Tuotteen käyttöturvallisuustiedotteessa on selostettu tarkemmin käyttöön liittyvät vaarat ja tarpeelliset suojaustoimenpiteet. Käyttöturvallisuustiedote on saatavilla TIKKURILA COATINGS OY:ltä.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

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