

TECHNICAL DATA SHEET

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Name of product:

EFAtop PU 440 enamel

Type of product: 2-pack polyurethane/acrylic enamel. Mix 4 : 1 (volume) with PU hardener 0610 84150 before use.

Application: Topcoat for machines, etc., that retains its gloss and has excellent toughness and chemical resistance.

Properties: Particularly good exterior durability, excellent toughness, outstanding mechanical properties and good chemical resistance.

Solids: 58 weight % 49 vol. % Ready to use mixture: Yes

Pre-treatment: Sand blasting in accordance with SA 2½ or chemical pre-treatment in accordance with ISO 8501-1, in addition to, for example, the application of EFAguard PU 446 primer.

Application:

Method:

Conventional spraying
Airless/Airmix

Recommended viscosity:

20-25 sec. DIN-cup 4 mm
40-45 sec. DIN-cup 4 mm

Thinner:

0600-84173
0600-84173

2-Pack Products:

Catalyst

0610-84150

Mixing ratio (volume)

4 : 1

Pot life

8 hours 20 °C

Drying:

	Drying time	Film thickness - dry
Dust dry	1 hour 20 °C	30 - 50 µm
Dry to touch	4 hours 20 °C	30 - 50 µm
Recoat before	2 day(s) 20 °C	30 - 50 µm
Forced drying	30 minutes 80 °C	30 - 50 µm
Fully cured	1 day(s) 60 °C	30 - 50 µm

System Specification:

Primer	2x EFAguard PU 446 primer	120 µm
Top coat	2x EFAtop PU 440 enamel	80 µm

The above system is in accordance with ISO 12944 class C4.

Recommended coating thickness: Wet film: 65 µm Dry film: 30 µm

Coverage: Theoretical: 16 m²/ltr.

Storage: Store cool and dry

Shelf-life: 24 Months in an unopened container

Note: The total dry film thickness of the PU System must not exceed 200 µm. A higher film thickness may result in flaking. With our toning system, any chosen color in quantities greater than 4 litres can be produced. Metallic and fluorescent can, however, be delivered at amounts of minimum 100 litres per color. EFAtop PU 540 H2O enamel is our water-borne alternative.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their use. It should not, therefore, be construed as guaranteeing specific properties of the product described or its suitability for a particular application. The quality of our products is guaranteed under our General Conditions of Sale.

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