

TECHNICAL DATA SHEET**en**

Name of product:

PUR Primer 0446

Type of product: 2-pack acrylic/polyurethane paint containing zinc phosphate, an anti-corrosive pigment. Mix 10 : 1 (volume) with PUR-Catalyst 0610-84150 or 0610-05295 before use.

Application: Anti-corrosive priming of steel. A primer that improves adhesion on light alloys or galvanized steel.

Properties: Quick drying. When top coating with PUR Enamel, series 0440, this primer prevents the enamel from sinking into the primer. Good resistance against chemicals.

Solids: 64 weight % 45 vol. % Ready to use mixture: Yes

Pre-treatment: Sandblasting in accordance with SA 2½ or chemical pre-treatment in accordance with ISO 8501-1 is recommended.

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

If a slow thinner is required, PUR-thinner 0600-89137 is recommended. The product is developed for electrostatic application.

2-Pack Products:**Catalyst**

0610-84150

Mixing ratio (volume)

10 : 1

Pot life

7 hours 20 °C

Drying:

	Drying time	Film thickness - dry
Dust dry	15 minutes 20 °C	30 - 50 µm
Dry to touch	30 minutes 20 °C	30 - 50 µm
Dry to recoat	30 minutes 20 °C	30 - 50 µm
Recoat before	14 day(s) 20 °C	30 - 50 µm
Fully cured	30 minutes 60 °C	30 - 50 µm

System Specification:

Primer	2x PUR Primer 0446	120 µm
Top coat	2x PUR Enamel 0440	80 µm

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

Recommended coating thickness: Wet film: 90 µm Dry film: 40 µm

Coverage: Theoretical: 11 m²/ltr.

Storage: Frostfree, cool, and closed.

Shelf-life: 24 Months in an unopened container

Note: The total dry film thickness of the PUR System must not exceed 200 µm. A higher film thickness may result in flaking. H2O PUR Primer series 0546 is our water-borne alternative. PUR Primer is available as a high-build version allowing the application of 80 microns dry film per coat.

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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