

2K ENAMELS

HIGH SURFACE HARDNESS

EXCELLENT FLOW

IDEAL FOR OUTDOOR USE

WATERPUR SATIN DTM

Series 0242

2K, DTM, satin finish, water-based, polyacrylic enamel



◆ General information

System: Two pack - 2K

Nature: Water-based

Packages: 20 kg

Tinting Service: Can be colored with water-based colorants Acquaplust Series 0400

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3

Color cards: Ral 841 GL

◆ Technical features

DTM, polyacrylic primer and final coat for indoor and outdoor application. The product is characterized by excellent flow, sagging stability, surface hardness, good anticorrosion properties, fast drying and outdoor resistance.

◆ Application field

2K, water-based enamel suitable to be used also as DTM primer and final coat for the protection of metal manufactured products (iron and cast iron castings) when excellent sagging stability, fast drying, hardening and good anticorrosive properties are requested. The products is suitable as satin finish final coat for metal carpentry, agricultural machinery and manufactured items when excellent resistances to atmospheric agents, bad weather and mechanical stress are required. It can also be used as a pigmented, anti-dust final coat for outdoor concrete floors guaranteeing good walkability. The product is not suitable for floors with trolley and forklift constant traffic.

◆ Catalysis

Series	Hardener	Catalysis	Use	Pot Life at 20°C	Package
L0073	HARDENER PW7	20% by weight (100 + 20) or 4 : 1 by volume	Non yellowing for water-based polyacrylics	1 hour	1 kg - 4 kg - 20 kg

◆ Technical data

Theoretical average spreading rate 7,2 m²/kg each coat at the dry film thickness of 50 µ

Application Spray, Roller

Dilution 5-10% with tap water

Gloss 40 - 50 gloss

Wet film thickness each coat 104 µ

Dry film thickness each coat 50 µ

N° of coats 1 or 2 coats till reaching the total, suitable thickness

Total dry film thickness 70 µ

◆ Drying

Overcoating interval 1 - 24 hours

Air drying 20°C- 25°C

Dust-free drying 40 - 60 minutes

Dry to touch 2 - 3 hours

Dry through 2 days

Full cure 7 days

Flash off 15 - 20 minutes at 20°C

Stoving drying 30 - 40 minutes at 60°C