

DTM - DIRECT TO METAL POLYACRYLIC ENAMELS

HIGH ADHESION

EXCELLENT SURFACE HARDNESS

RESISTANCE TO AGGRESSIVE AGENTS

FOSFACRYL SEMI-GLOSSY

Series 0161

2K, DTM, semi-glossy, polyacrylic enamel



General information

System: Two pack - 2K

Nature: Solvent-based

Packages: 4 kg - 20 kg

Tinting Service: Can be colored with solvent-based colorants Unisol Pro Series 0200

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminum, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Cement, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization

Color cards: Ral 841 GL, Ncs 1950, Color Box, 1040 Pro-Industrial Bodyshop



Technical features

2K, DTM, polyacrylic anticorrosive enamel with very good adhesion and suitable for direct application to iron and galvanized steel. The coating has a semi-glossy finish and it is highly resistant to water, chemical and atmospheric agents. The product is suitable also as dust-repellent treatment for indoor and outdoor floors with a decorative effect; it can be used for floors subjected to pedestrian passage and light traffic with forklifts and trolleys with rubber wheels. The product was tested according to the ministerial decree 236/89 relating to the BCRA method which measures the coefficient of dynamic friction in order to verify the resistance to slipperiness on the cement substrate.

Application field

Polyacrylic enamel suitable as DTM, Polyacrylic enamel suitable as DTM, semi-glossy primer and final coat with good anticorrosive properties for metal supports when short coating time is requested. The product is ideal for robots, industrial automation systems, parts and components of the ACE sector when high productivity and fast handling of the coated substrates are required. It can also be applied on outdoor concrete floors.

Catalysis

Series	Hardener	Catalysis	Use	Pot Life at 20°C	Package
L0025	HARDENER PS5	20% by weight (100 + 20)	Slow, non yellowing for outdoor use	6 hours	1 l - 5 l
L0065	HARDENER PS7	25% by weight (100 + 25)	Fast, non yellowing for outdoor use	6 hours	0,5 l - 1 l - 5 l
1392	HS PLUS 420 HARDENER	15% by weight (100 + 15) or 4 : 1 by volume	For catalysis by volume and for roller applications on concrete	3 hours	1 l - 2,5 l - 5 l

Technical data

Theoretical average spreading rate 6 m²/kg each coat at the dry film thickness of 60 µ

Application Spray, Roller, Brush

Dilution 5-10% with Slow Thinner for Acrylics Series D0020

Gloss 50 - 60 gloss

Wet film thickness each coat 130 µ

Dry film thickness each coat 60 µ

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

Total dry film thickness 100 µ

Drying

Overcoating interval 4 - 96 hours (after it is necessary to sand)

Air drying 20°C - 25°C

Dust-free drying 10 - 15 minutes

Dry to touch 30 - 40 minutes

Dry through 1 - 2 days

Full cure 14 days

Flash off 5 - 10 minutes at 20°C

Stoving drying 30 minutes at 50°C - 60°C