

TECHNICAL DATA SHEET

Date of issue: 11/10/2012

Last updating: no.2 03/12/2021



Name:	SIROLACK MATT	Category:	Intermediate-topcoat
Definition:	Industrial synthetic enamel	V.O.C. ready to use:	525 g/l
Code:	72.4	Product outside the uses referred to	2004/42/CE

NATURE OF THE PRODUCT

Intermediate-topcoat based on alkyd and epoxy resins.

GENERAL USES

Steel structural works, overhead cranes, iron objects, agricultural machines, silos, etc.

APPLICATION METHOD

PREPARATION OF SURFACES

The cleaning of the application surface should be total and painstaking and it is a fundamental and necessary condition to obtain positive result of the painting cycle.

This means that the presence on the support of substances such as fats, oils, grease and dirt (and of course, for other reasons, rust and calamine) is absolutely not tolerated.

- Ferrous surfaces. SA 2½ grade sandblasting. Alternatively, perfect mechanical cleaning of the support by sanding with elimination of rust, calamine and subsequent cleaning by degreasing with aqueous solutions of surfactants or with organic solvents. Then proceed with the application of the product directly to metal. If you want to achieve greater corrosion resistance, we recommend applying a coat of our 79.2 or 79.4 series primer.
- Galvanized sheet. Accurate sanding with scotch brite paper coarse grain, followed by degreasing using thinners. Then proceed with the application of the product direct to metal.
- Aluminium. Chromate or phosphorous chromate treatment or in alternative light sanding procedure followed by degreasing using organic thinners. Then proceed with the application of the product direct to metal.

PREPARATION OF THE PRODUCT

Carefully mix until an even colour and consistency are obtained. For airless application no dilution is needed. For standard airmix application, dilute at about 10% with our synthetic thinner 07.005 or nitro antifog thinner 07.001, to obtain a viscosity of 25-30" Ford 4.

APPLICATION

Spray gun: nozzles of 1.4-1.7 mm diameter and 3-5 atm pressure

Airless. Nozzle 0.09 inches, 180-240 bar pressure

Roller or brush: Only for large surfaces¹

TECHNICAL DATA

PRODUCT TYPE: One-pack

FILM APPEARANCE (ASTM D 523): Matt, 12±5 gloss

COLOURS: By request (the binder 72.4.K7 has to be used in a ratio 85/15 with the tinters of the solvent-based tinting system)

¹ You may need Antifoam additive 03.009 in order to avoid bubble formation whilst using these tools.

TECHNICAL DATA SHEET

Date of issue: 11/10/2012

Last updating: no.2 03/12/2021



SIRO S.r.l.

Via Meucci, 5 - Z.I. Selve
35037 Teolo - Padova
Tel. 049.990.11.22
Fax 049.990.15.36
e-mail: vendite@siropaints.com
www.siropaints.com

Name:	SIROLACK MATT	Category:	Intermediate-topcoat
Definition:	Industrial synthetic enamel	V.O.C. ready to use:	525 g/l
Code:	72.4	Product outside the uses referred to	2004/42/CE

SPECIFIC WEIGHT (ISO 2811):	1.25 ±0,10 kg/l
SUPPLY VISCOSITY (DIN 53211):	20"±5" ford 8
SOLID ON VOLUME:	49 ±2%
SOLIDS CONTENT:	60 ±3%
DRYING AT 20°C	- Dust dry: 40-50 minutes - Touch dry: 2-3 hours - Total hardening: 24-36 hours - Forced drying: 30 minutes at 60-80°C - Maximum chemical resistance: After 7 days
RECOMMENDED COATS:	One crossed coat
THICKNESS:	60-80 µm
THEORETIC YIELD:	6-8 m²/kg
SALT SPRAY TEST (ASTM B 117):	250 hours by applying 80µm of dry film thickness. 500 hours by applying the primer 79.2 and the topcoat 72.4 with a final film thickness of 120µm.
IMPACT TEST (ASTM D 2794):	36kg direct on sanded iron
ADHESION (ASTM D 3359):	B=5, on surfaces treated as described above.
REPAINTING:	Within 4 hours or after complete hardening of the film with a previous light sanding.
STORAGE STABILITY:	Eighteen months in closed packs, stored in a cool, dry place, away from any sources of heat.