

GLOBAL SATINATO

TOP COAT URETHANE FINISHING WITH ANTI-RUST PROPRIETY FOR PROFESSIONAL USE

series 225

DESCRIPTION

Synthetic enamel formulated with a blend of anticorrosive-effect low-yellowing alkyd resins and aliphatic urethane resins.

GLOBAL SATINATO features excellent flow, scratch resistance and good anticorrosive properties, making it suitable even for use as an all-in-one product on metal surfaces.

GLOBAL SATINATO offers an effective protective barrier against weathering. It has excellent elasticity and outdoor resistance, which makes it suitable and particularly recommended for protecting wood, iron and other materials, even when they are exposed to harsh atmospheres, such as in marine, mountain and industrial environments.

INSTRUCTIONS FOR USE

The product can be applied on:

New, old and varnished woodwork such as doors, windows, skirting boards, beams, panels, etc. (any other article made from wood requiring either professional or DIY painting) ferrous surfaces and light alloys, whether new, old or previously painted, such as gates, railings, metal window frames, etc..

Suitably treated galvanized surfaces or light alloys.

Plastic (PVC).

TECHNICAL SPECIFICATIONS

- Nature of Binder: alkyd-urethane resins
- Specific gravity per UNI EN ISO 2811-1: 0.95-1.35 kg/l (depending on the colour).
- Viscosity per UNI 8902: 400-600 cps (con Rotothinner rotational viscometer, at 25 C).
- Gloss per UNI EN ISO 2813: 25-30 at 60°
- Drying (25 C and 65% R.H.): dust free in 90 min; touch dry in 5 hours; coatability after 16 hours.

PREPARING THE SURFACE

Ferrous metalwork never previously painted:

- Remove any compact and adherent calamine and all traces of rust by means of commercial-type sandblasting (Grade SA2), or clean mechanically or manually. In order to remove rust from awkward areas, use the RUGISTOP converter 5900100.

- In the case of new surfaces which do not feature calamine or rust, simply remove any grease from the surface using cleaning thinner.

- Dust the surface, make sure the substrate is perfectly dry and apply 2 coats of GLOBAL SATINATO.

- Outdoors, on surfaces exposed to harsh environments, it is best to apply 2 coats of rust inhibitor SATURNO series 191. Wait at least 16 hours and apply 2 coats of GLOBAL SATINATO.

Painted ferrous metalwork:

- Remove any layers of old flaking paint and any rust by means of mechanical or manual cleaning, rub down in order to coarsen any old paint which is still perfectly

adherent. In order to remove rust from awkward areas, use the RUGISTOP converter 590 100.

- Dust the surface, make sure the substrate is perfectly dry and apply 2 coats of GLOBAL SATINATO.

- In the case of considerably deteriorated surfaces, it is advisable to remove any old paint and rust completely by means of grade SA2 1/2 sandblasting, or using the SVERNICIATORE SM10 paint remover cod. 5610014 followed by careful mechanical or manual cleaning.

- Any surfaces sandblasted down to reveal the original shine of the metal after no more than 8 hours must receive their base coat of rust inhibiting paint SATURNO series 191.

- After at least 16 hours, apply 2 coats of GLOBAL SATINATO.

New woodwork:

- Dry sand in order to remove raised fibres;

- Clean the surface, remove any material resulting from the woodworking along with any resin using suitable diluent;

- Make sure the wood is not too damp;

- On soft and dry wood, or excessively absorbent wood, apply a coat of MARCONOL IMPREGNANTE series 843 and rub down lightly with abrasive paper.

- In order to assure the finish has better filling power, apply 1-2 coats of MARCONOL ORIENTALITE primer 1450519 and sand.

- Proceed with the application of GLOBAL SATINATO.

Varnished woodwork:

- Check the state of repair of any old coats of varnish, remove any parts which are flaking or not perfectly adherent.

- Level any unevenness on the surface. Holes, cracks and defects can be treated using TAMSTUCCO 9400006 for interior woodwork.

- Sand and clean.

- In order to assure the finish has better filling power, apply 1-2 coats of MARCONOL ORIENTALITE primer 1450519 and sand.

- Proceed with the application of GLOBAL SATINATO.

Galvanized aluminium or light alloys:

- Remove all traces of oxide by means of mechanical or manual cleaning.

- Carefully remove any grease using suitable alkaline solutions or thinner.

- Remove all traces of dust and proceed with the application of PRIMER all-purpose anticorrosive primer cod. 1630307 on a perfectly dry surface.

- Paint with GLOBAL.

Plastic (PVC):

- Sand the surface in order to coarsen it slightly.

- Remove any grease using suitable diluent and clean the surface.

- Apply a coat of PRIMER all-purpose primer 1630307;

- After at least 12 hours, apply 2 coats of GLOBAL SATINATO on a perfectly clean and dry surface. On surfaces other than PVC, it is advisable to check the actual adhesion by carrying out practical tests on the specific surface.

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APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. +5 C / Max.+35 C.

Relative humidity of the air: <80%.

Temperature of the surface: Min. +5 C / Max. +35 C.

Humidity of the surface: <10% R.H..

- Avoid applying the product when there is condensation on the surface, or in direct sunlight.

- Tools: brush, short-haired wool roller, spray gun.

- Stir the product thoroughly before thinning.

- Thinner: Turpentine 5200010 or Synthetic Thinner 5210011.

- Thinning: by brush/roller at 3-5%; by spraying at 10%.

- N. coats: 2

- Tools should be cleaned immediately after use using Turpentine 5200010 or Synthetic Thinner 5210011.

- Indicative spreading rate: 6-7 sq m/l based on 2 coats, corresponding to a dry film 50 microns thick.

Application of GLOBAL SATINATO series 225 - synthetic enamel for exterior/interior use formulated with a blend of anticorrosive-effect alkyd-urethane resins - on ready-prepared surfaces, in at least 2 coats, at a minimum rate of 140 ml/sq m.

SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.

TINTING

The product is supplied in the shades featured on the colour chart and can be tinted using the Marcromie tinting system.

In the event different batches of coloured product are employed, or if a product produced with the tinting system is used to complete a piece of work, it is recommended that the various products be intermixed in order to avoid slight differences in colour.

STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 3 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/i: One-pack performance coatings (solvent-base): 600 g/l (2007) / 500 g/l (2010)

Global SATINATO Contains max: 500 g/l VOC

flammable. / harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. / keep out of the reach of children. / do not breathe vapour. / do not empty into drains. / in case of fire use foam, powder, co2 – never use water. / if swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let residues dry out completely and treat them as special waste. Consult the safety data sheet for additional information.

SPECIFICATION ITEM

Urethane rust-inhibiting gloss top coat finishing for exterior/interior use.

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