

GLOBAL ULTRA GL 25 SATINATO

RUST-INHIBITING URETHANE TOP COAT - PROFESSIONAL LINE - SATIN

Series 224

DESCRIPTION

Solvent-based urethane alkyd top coat for interiors and exteriors. Particularly suitable for professional use. Covering finish for previously-prepared wood, metal and other materials.

Anti-corrosion effect, also suitable as a single product on metal surfaces. With high substrate protection, it is very durable thanks to HALS (Hindered Amine Light Stabilizer) technology, which slows down the degradation caused by atmospheric agents.

Easy to apply, it gives excellent fullness and levelling. Long working time, both by brush and roller. Resistant to abrasion and the most common household detergents.

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: 0.95-1.3 kg/l depending on the colour
- Gloss per UNI EN ISO 2813: 25-30 at 60°
- Drying time (at 25 °C and 65% R.H.): dust free in 90 minutes; to touch in 5 hours; to recoat 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 ULTRA.

- Outdoors, on surfaces exposed to harsh environments, it is best to apply 2 coats of rust inhibitor SATURNO series 191 or PRIMER series 163. Wait at least 16 hours and apply 2 coats of GLOBAL ULTRA.

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 ULTRA.

- 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 or PRIMER series 163

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

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 ULTRA.

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 PASTA 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 ULTRA.

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 code 1630307 on a perfectly dry surface.

- Paint with GLOBAL ULTRA.

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 ULTRA 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.

APPLICATION INSTRUCTIONS

Air and surface conditions:

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

Relative humidity of the air: <80%.

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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, medium-bristle wool roller, spry gun.

- Stir the product thoroughly before thinning.

- Thinner: White spirit 5200010 or Synthetic Thinner 5210011.

- Thinning: brush/roller 3-5%; spray gun 10%.

- N. coats: 2

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

- Indicative spreading rate: 6-7 m²/l based on 2 coats, corresponding to a dry film 60 microns thick.

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.

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.

TINTING

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

SAFETY RULES

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

Cat. A/i: One-pack performance coatings (sb): 500 g/l (2010)

The product contains max: 500 g/l VOC

Flammable.

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 top coat for exteriors and interiors.

Applications on pre-arranged surfaces of synthetic enamel for exteriors and interiors GLOBAL ULTRA GL 25 SATINATO 224 series, based on alkyd-urethane resins with anti-corrosion effect, in at least 2 layers, with a minimum consumption of 100 ml/sq.m.

Supply and application € per 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

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