

**SAN MARCO**  
is a brand of  
San Marco Group Spa

[www.san-marco.com](http://www.san-marco.com)

SAN MARCO GROUP  
Via Alta 10/A - 30020  
Marcon (Venezia), Italia

[info@sanmarcogroup.com](mailto:info@sanmarcogroup.com)  
+39 041 4569322  
[www.sanmarcogroup.com](http://www.sanmarcogroup.com)

# Global Alluminio

ALUMINIUM SYNTHETIC TOP COAT PAINT



CODE 220S170

GLOBAL ALLUMINIO - V.2024-09-23

## DESCRIPTION

GLOBAL ALLUMINIO is a synthetic enamel specifically formulated for painting metalwork in general both indoors and out. The product creates a metallic-look finish, featuring good covering power, excellent adhesion remarkable outdoor resistance.

## INSTRUCTIONS FOR USE

It can be applied on metalwork both indoors and out. Also suitable for painting tar roof sheathing. **ATTENTION:** the aluminium metallic finish is not suitable for decorating manufactured products, railings, gates, stairs, handrails, or other small details which require a continuous metallic shine or high resistance to rubbing. In contact with atmospheric gases, the metallic aluminium contained in the enamel tends to oxidise itself on the surface, reducing shine. If rubbed, the surface film of aluminium oxide produced by the oxidation process releases dark particles which tend to dirty hands. This effect can be reduced by applying DECORFILM cod. 3740230/3740238 shiny or satin protective coating on the surface depending on the effect required.

## TECHNICAL SPECIFICATIONS

- Nature of Binder: synthetic resins
- Specific gravity per UNI EN ISO 2811-1:  $1.01 \pm 0.02$  kg/l
- Viscosity per UNI 8902:  $72 \pm 24$  cps (Rotathinner rotational viscometer at 25 °C)
- Gloss per UNI EN ISO 2813:  $>85$  at 60°
- Drying time (at 25 °C and 65% R.H.): dust free in 3 hours; to touch in 7 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.

- Dust the surface, make sure it is completely dry and apply 2 coats of rust inhibiting paint SATURNO 191.
- Apply 2 coats of GLOBAL ALLUMINIO.

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 5900100.
- Remove dust from the surface.
- 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.
- Apply 2 coats of rust inhibiting paint SATURNO 191 on perfectly dry surfaces.
- Apply 2 coats of GLOBAL ALLUMINIO.

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 ALLUMINIO.

## 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, spry gun.
- Stir the product thoroughly before thinning.
- Thinning: ready to use.
- N. coats: 2
- Tools should be cleaned immediately after use using White spirit 5200010 or Synthetic Thinner 5210011.
- Indicative spreading rate: 5-6 sq m/l based on 2 coats, corresponding to a dry film 60 microns thick.

## TINTING

The product comes in the colour aluminium.

## 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 (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

Application of GLOBAL ALLUMINIO code 220S170 - synthetic enamel formulated with a blend of synthetic resins - on ready-prepared surfaces, in at least 2 coats, at a minimum rate of 165 ml/sq m.