

SAN MARCO

is a brand of
San Marco Group Spa

www.san-marco.com

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

info@sanmarcogroup.com
+39 041 4569322
www.sanmarcogroup.com

Nitrofond

NITROCELLULOSE-BASED RUST INHIBITING PAINT



SERIES 707

NITROFOND - V.2024-09-24

DESCRIPTION

A synthetic nitrocellulose-based quick-drying paint for industrial use, with a modified alkyd resin base, for painting metal objects in general then to be painted over with nitrocellulose-based lacquers and synthetic enamels. The product features excellent anticorrosive power, and good hiding and filling power.

INSTRUCTIONS FOR USE

The product is suitable for interior use and can be applied on metal objects in general.
NITROFOND is a primer and must be paint over with a top coat finishing system.

TECHNICAL SPECIFICATIONS

- Nature of the binder: modified alkyd resins
- Solvents: mix of aliphatic hydrocarbons
- Appearance: mat
- Specific gravity per UNI EN ISO 2811-1: 1.20 ± 0.05 kg/l
- Viscosity per UNI 8902: 1500 ± 250 cps at 25 °C (Roththinner rotational viscosimeter)
- Drying (at 25 °C and 65% R.H.): to touch in 15'; complete after 1 hour; to recoat after 1 hour.
- COATABILITY: with Nitrocellulose-based enamels MARCOLUX s.780.

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 NITROFOND rust inhibiting paint series 707.
 - In the case of new surfaces which do not feature calamine or rust, simply

remove any grease from the surface using cleaning thinner.
- Apply 2 coats of finishing enamel.

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.
- Apply 2 coats of NITROFOND rust inhibiting paint series 707 on perfectly dry surfaces.
- 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 finishing enamel.

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.

- Tools: spray gun.
- N. coats: 2 coats must be applied.
- Thinning: at 90-100% with Anti-blush nitro thinner 5170076.
- Tools should be cleaned using Nitro thinner 5170076 immediately after use.
- Indicative spreading rate: 3.5-4 sq m/l based on 2 coats on smooth surfaces. It is advisable to perform a preliminary test on the specific surface in order to determine the actual consumption.

TINTING

The product is supplied in the colours grey and red.

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

Does not fall under EU directive 2004/42 (legislative decree 161/2006)

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

Applications, on previously prepared surfaces, of NITROFOND Nitrocellulose-based rust inhibiting paint series 707 - with a modified alkyd resin base - with 2 coats for a minimum consumption of 250 ml/sq m.

Supply and application of the material €. per sq m.