

# RIGENERA SATIN

TWO-COMPONENT WATER-BASED ENAMEL FOR RENOVATING TILES AND INTERNAL MULTI-SURFACES - SATIN FINISH

Series 872

## DESCRIPTION

Multi-surface finish, ideal on tiles, shower trays and washbasins, metal elements, plastic-PVC, laminates, furniture and furnishing accessories. Renews rooms quickly and easily without specific preparation of the substrate.

It produces uniform satin finishes that are extremely resistant to scratching and pedestrian traffic. Finish suitable for painting car boxes and private garages. The epoxy composition allows high chemical resistance to normal domestic detergents.

Complies with the requirements of EC Regulation No. 852/2004 on the food hygiene.

## INSTRUCTIONS FOR USE

Applicable internally on:

- Lime and cement plasters
- Ceramic surfaces
- Ceramic sanitary ware
- Laminated products
- Metal surfaces
- Plastic materials
- Wood

## TECHNICAL SPECIFICATIONS

RIGENERA SATIN is a two-component product.

- Component A: epoxy resin in aqueous solution
- Component B: hardening agent in aqueous solution

-Solvent: water

-Density UNI EN ISO 2811-1:

Component A white=1.35±0.05 kg/l.

Component A transparent=1.25±0.05 kg/l

Component B=1.05±0.05 kg/l.

-Appearance: satin

-Pot-life (maximum time of use after catalysis):

Two hours at 20°C; 1.5 hours at 25°C; 1 hour at 30 °C

-Drying time (at 25°C and 65% relative humidity): to touch in 4 hrs; to recoat after 12 hrs and no later than 48 hrs.

-Indoor Air Quality Classification: A+

-HACCP compliant according to the requirements of EC Reg. 852/2004

## PREPARING THE SURFACE

Plaster surfaces:

- Make sure that the support has a maturing time of at least 28 days.

- Check the state of preservation. The surface must be consistent. Otherwise, reconstruct or consolidate with specific products.

- Remove any bloom by brushing or washing.

- If there is old paint, remove flakes etc., whereas thick coats of whitewash or distemper must be fully removed by thoroughly wetting the surface and scraping or using a water cleaner.

- Smooth unevenness in the substrate. Holes, cracks and hollows in the interior can be treated with BETOMARC 9450150 or RASAMIX 9440160, or with cement-based products.

- Sand down the filled areas and patches with sand paper.
- Remove any deposits of dust and grime by brushing.
- If there is mold/mildew, treat the surface with COMBAT 222 Detergent 4810222 and with COMBAT 333 Restorer 4810333.
- On a dry substrate, apply RIGENERA according to the instructions.

Ceramic surfaces and sanitary ware:

- Before applying onto shower trays, bathtubs and ceramic sinks, check the tightness of the seals at the drains and at the edges between vertical and horizontal surfaces. If necessary, restore the seals with suitable products, following the manufacturer's instructions.

- Clean surfaces thoroughly with professional alkaline degreasers (pH≥12) and rinse thoroughly with water.

- Apply RIGENERA onto a dry substrate as described.

- If the colour to be create requires the transparent base, first apply a coat of undyed product, catalyzed and diluted with 5% water and then the apply the 2 coats of the desired colour.

Other surfaces: Apply RIGENERA onto a clean and dry substrate. Before applying, the surfaces must be treated as follows:

- Ferrous metals: surface degreasing with special thinners, sanding, treatment with specific products such as PRIMER 1630307 of the areas showing rust.

- Non-ferrous metals, aluminium and galvanised sheet metal: degrease the surfaces.

- Wood, laminates, PVC, plastics: make the surfaces matt with Scotch Brite or sandpaper 1000.

## APPLICATION INSTRUCTIONS

-Ambient and substrate conditions:

Ambient temperature: min. +10 °C - max. +30 °C

Ambient relative humidity%: <75%

Substrate temperature: min. +10 °C - max. +30 °C

Substrate humidity: <5%

-The drying and application times are strongly influenced by temperature: at low temperatures, the times are longer, at higher ones they are shorter.

-Apply the product in an environment that is as dust-free as possible.

-Indicative yield: 10-12 m<sup>2</sup>/l per layer, and refers to smooth and medium-absorbent substrates. It is advisable to carry out a preliminary test on the specific substrate to calculate consumption.

-Application method:

Tools: brush, short-hair roller, extra-fine sponge roller, spray gun.

Coats: 2.

Shake Component B before use.

Catalysis ratio in volume: 1.6 parts component A + 1 part component B

Catalysis ratio by weight: 100 g component A + 48 g component B

Dilute the mixture obtained (A+B) with water: 10% for brush and roller applications, 30% for spray applications.

Example of brush and roller application: (0.5 l of component

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A + 0.3 l of component B) add 80 ml of water.

Example of brush and roller application: (100 g of component A + 48 g of component B) add 12 g of water.

Example of spray application: (0.5 l of component A + 0.3 l of component B) add 240 ml of water.

Example of spray application: (100 g of component A + 48 g of component B) add 36 g of water.

For plastics, use the following catalysis ratio: 100 g Comp. A + 60 g Comp. B

-After mixing and diluting the two components, leave the mixture to stand for at least 5 minutes before applying it.

-To further improve the chemical and mechanical performance of RIGENERA, within 48 hours from applying the second layer, you can apply an additional non-pigmented transparent layer.

-To increase the covering power in yellow, red and orange, first apply a layer obtained from the mixture of white + tinted component A in a 1:1 ratio, suitably catalyzed and diluted.

-Do not add additional water to extend the workability of the product (Pot-life).

-Catalyse only the amount necessary for the application of each layer.

-Mix (catalyse) and use one pot at a time (comp. A + comp. B).

-To avoid shading, apply the product continuously and, once the product starts filming, avoid using the roller/brush to touch up the surfaces already applied onto.

- Clean the equipment with water immediately after use.

-Can be painted over with the same product.

-Strictly respect the mixing ratios.

-Before painting over, respect the drying/curing time.

-Chemical and mechanical resistances are reached 7 days after application.

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

Two-component water-based enamel for renovating tiles and internal multi-surfaces

Applications, on already-prepared surfaces, of RIGENERA SATIN series 872 two-component water-based epoxy finish, in at least 2 layers, with a minimum consumption of 180 ml/sq.m.

Supply and application of material € ..... 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 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

Component A is available in white (0019) and transparent base (0062), both of which can be colored with the Tintometric System.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +10 °C

The product should be preferably used within 1 year from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

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

Cat. A/j: Two-pack reactive performance coatings (solvent-base): 140 g/l (2010)

The product contains max: 30 g/l VOC

Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene

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