



Cimar[®]
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MEMBRANA GOLD FR (Liquid Sheath) technical data sheet

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1. IDENTIFICATION OF THE SUBSTANCE/COMPANY

Trade name: MEMBRANA GOLD FR(Sheath Fiber-reinforced water elastic liquid)
Manufacturer : Cimar Produzione Sr.l with plant in Salerno at via Mecio Gracco 8H/8I.
Telephone number also for urgent calls: Tel +39 089 302418

2. CHARACTERISTICS AND USES

MEMBRANA GOLD FR is a liquid coloured emulsion waterproofing product with high elasticity and rapid drying. Thanks to the reinforcement with polypropylene fibres, it guarantees excellent walkability and the possibility of flooring without the application of the fabric. It also offers a minimum maintenance-free service life of 5 years. Ideal when you want to cover large surfaces.

It has been awarded the CE mark.

SPECIFICATIONS

One-component, ready-to-use product in emulsion.

Floors and coatings can be glued to the waterproofing layer.

Creation of fibre-reinforced waterproof coverings.

Resistance to UV rays, does not require protection.

Easy to install.

Ecological product free of harmful substances, safe for installation operations.

Walkable.

Resistance to water stagnation.

FIELDS OF APPLICATION

For waterproofing:

subfloor with direct gluing of tiles, balconies and terraces, vertical coatings for bathrooms and showers, building covers in general, eaves, cornices, canopies, walls, facades, insulated roofs with polyurethane foams, concrete tanks designed to contain non-aggressive and non-drinking water. Waterproofing for pedestrians to be left visible. Re-waterproofing of existing old floors.

3. IDENTIFICATION CHARACTERISTICS OF THE LIQUID PRODUCT

Appearance: viscous pigmented paste

Specific gravity = $1.2 \pm 0.05 \text{ kg/dm}^3$

Dry residue = $65 \pm 5\%$

Viscosity at 23°C* = 0.62 Pa-s

VOC content as required by Legislative Decree No. 161 of 27/05/2006: 140 g/l of product ready for use.

VOC content of the product: 85 g/l of ready-to-use product

4. DRYING OR HARDENING TO 23°C AND 50% UR

Surface: 30'

To the touch: 1 hour

In Depth: 4 hours

5. CHARACTERISTICS OF THE DRIED PRODUCT

Breaking load: $120 \pm 1 \text{ N/cm}^2$

Elongation at break: $> 50\%$.

Abrasion resistance: 2 MPa

Cold flexibility: -20°C

6. EQUIPMENT

Apply by smooth spatula, brush or rubber spatula.

7. APPLICATION SUPPORT

On cement surfaces, which normally dust, it is advisable to apply a first coat of MEMBRANA GOLD, version without fibres, diluted, max 35%; or use an acrylic (PRIMER C).

It is advisable to abstain from the application in conditions or forecasts of rain and temperatures below +5°C.

SPEEDY can facilitate application in adverse weather conditions.

All surfaces on which the waterproof covering is to be made must be clean, dry, free of dirt, dust, oils, grease, additives, release agents, various treatments and in any case free of any material that may perform releasing actions. The substrate must be completely dry because the humidity it contains and the vapour it produces through radiation can cause bubbles and detachments in the waterproofing coating. Treat joints and any cracks on the support with suitable techniques. Control and insulation joints, connections between horizontal and vertical elements must be sealed with suitable products; cracks and static injuries must also be treated with suitable skim coats.

APPLICATION

apply two or more cross coats of MEMBRANA GOLD FR with a smooth trowel, brush or rubberized brush with a total consumption of not less than 2 kg/m². For an optimal distribution of the quantities, the application can also be carried out with contrasting coats. Cross-layer application is appropriate to allow for both longitudinal and transverse fibre placement. Before tiling, let the applied product dry for at least 2 days (the time may increase depending on the outdoor temperature and the degree of humidity). Carry out a preliminary hydraulic tightness test of the perfectly dried waterproofing before laying the coverings. In accordance with standard EN 14891, improved cement-based adhesives of class C2 or higher are prescribed for the installation of tiles and claddings.

Tools must be cleaned fresh with water..

8. CONSUMPTION

Consumption depends on the porosity and regularity of the surface. It is estimated at approx. 2 Kg/sqm in two hands.

9. INSTRUCTIONS FOR STORAGE

Storage temperature: 5°C ÷ 30°C. Stability in original packages : 12 months

Packing : 1,5 - 5 -10 - 20 Kg. The product is frost sensitive.

10. AVAILABLE COLORS

White, red, green, grey, blue and tuff yellow.

11. WARNINGS

MEMBRANA GOLD FR

is ready to use and therefore must not be diluted or reinforced through the use of reinforcements and/or nets

Apply at temperatures between +5°C and +35°C.

Avoid direct application on damp surfaces or in the presence of humidity counter-thrust or on lightened screeds.

For applications on new cementitious substrates, wait until they have completely cured.

Prepare, where necessary, steam exhalators.

Avoid the application of high thicknesses in a single layer.

Once the application is finished, any residual stickiness can be removed with a cement dusting

The layers of MEMBRANA GOLD FR not completely dried are damaged by rain, dew and fog.