



## INNOVATIVE SYSTEMS

REV. 298023

### COPER GUM

Liquid waterproofing sheath

#### FEATURES

**COPER GUM** is a top-quality ready-to-use sheath; it is a liquid, single-component, highly viscous product, made with acrylic resins in aqueous dispersion, selected aggregates and hydrophobizing additives. Being thixotropic, it is applicable both vertically and horizontally. Once it has dried off, it forms an elastic, waterproof and walkable, which is also resistant to U.V. rays and atmospheric agents.

#### WHERE TO APPLY

**COPER GUM** is perfect to waterproof flat or pitched roofs, terraces and balconies (even paved – stoneware, concrete bicks, etc.), planters and concrete.

#### SUBSTRATE PREPARATION

Make sure the surface to be waterproofed is totally dry, well-cleaned, free from dust, oil, grease, mold and flaky or separating parts.

#### HOW TO APPLY

Mix the product well before applying it. Then spread it by brush, roller or spray, in two coats, which should be spaced at least 24 hours apart. In case the substrate is absorbent, dilute the product first coat with clean water to 10-20% max. It can be reinforced either with **RETE PB FINE** in primed fiberglass or with **VELO VITA** or **VELO VITA EXTRA** in polyester fibre, to be drowned in the first fresh coat of **COPER GUM**.

#### WARNINGS

- For new operations, prepare the screed with appropriate slopes to avoid water stagnation; for interventions on already existing substrates, check their slope before applying **COPER GUM**.
- Avoid applying it below 5 °C and above 35 °C.
- Do not apply it in case of chance of rain, rain, scorching sun and high wind.
- Protect it against accidental rainfall during the first 24 hours after the application, making sure the temperature does not reach 0 °C.
- Use **COPER GUM** without adding any foreign material.
- In case of elevated humidity levels, the hardening and drying time gets longer.
- Do not use it for painting tanks that are intended to contain potable water.
- It is frost sensitive.

# TECHNICAL DATA SHEET

REV. 298023

## ITEM OF SPECIFICATIONS

Liquid, single-component, highly viscous, can be either white or coloured, top-quality and ready-to-use; it is made with acrylic resins in aqueous dispersion, selected aggregates and hydrophobizing additives and it is perfect to waterproof flat or pitched roofs, terraces and balconies (even paved – stoneware, concrete bicks, etc.), planters and concrete. In case it is applied on absorbent substrates, the product first coat must be diluted with clean water to 10-20%; it has a consumption of 1,5/1,8 kg per m<sup>2</sup> every two coats. – **COPER GUM BUFFA**.

## TECHNICAL DATA

|                                |                                                                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>DILUTION</b>                | on absorbent substrates, the first coat shall be diluted with clean water to 10-20%; the second coat is to be applied as provided |
| <b>COMPOSITION</b>             | - Hydraulic binders;<br>- Marble powder;<br>- Specific additives;                                                                 |
| <b>VISCOSITY (gir 5/5 rpm)</b> | ca. 44.000 mPa*s                                                                                                                  |
| <b>pH</b>                      | 9,00 ~ 10,0                                                                                                                       |
| <b>COLOUR</b>                  | white or coloured                                                                                                                 |
| <b>YIELD</b>                   | 1,5/1,8 per m <sup>2</sup> for two coats                                                                                          |
| <b>PACKAGING</b>               | 1x12 kg boxes; 6 and 20 kg buckets                                                                                                |
| <b>DRYING TIME</b>             | - 2 hours, away from dust at 20 °C;<br>- the total hardening takes 7 days (according to the temperature)                          |
| <b>TMF</b>                     | 5 °C                                                                                                                              |
| <b>WATER IMPERMEABILITY</b>    | no penetration (EN 14891:1012 Annex A.7) – test report No. 20235679/1 Modena Centro Prove s.r.l.)                                 |
| <b>ELONGATION AT BREAK</b>     | 200%                                                                                                                              |
| <b>ABRASION RESISTANCE</b>     | discrete                                                                                                                          |
| <b>TOXICITY</b>                | check the safety data sheet                                                                                                       |
| <b>PEDESTRIANABILITY</b>       | walkable                                                                                                                          |
| <b>STORAGE</b>                 | 18 months in unopened packages, protected from sources of heat, frost and humidity                                                |

## CAUTION

The above information, prescriptions, and indications result from our best technical and applicative knowledge; nevertheless, they are considered purely indicative. Therefore, the users themselves are fully responsible for verifying the compatibility of the products with the intended use, as we can't intervene directly on the conditions of the construction sites and on the methods of carrying out the work. In this regard, a preventive test is recommended in order to verify the product suitability for its intended use.