



la scelta giusta  
per grandi progetti.

SCHEDA TECNICA



## ELASTOPLUS UV

### FLUID COLOURED WATER- BASED MEMBRANE

#### PRODUCT

Waterproofing, walkable water-based membrane containing elastomeric resins, for balconies, terraces and roofing surfaces in general. To be applied by hand (roll/brush) or airless.

#### CHARACTERISTICS

Waterproofing, resistant to the UV and to the aggression of industrial and marine atmospheres

#### APPLICATION FIELD

Waterproofing of building roofing in general, old bituminous layers, foundation and retaining walls, eaves, cornices, concrete terraces, chimneys, roofs, walls, façades, insulated roofs with polyurethane foams.

#### SUBSTRATES

Foundation walls, concrete, plaster and cement mortars, old bituminous layers and insulated roofs with polyurethane foams.

#### CONSUMPTION

2,0 - 2,5 kg/sqm according to substrate.

#### PACKAGING

- 20 kg buckets on pallet of 880 kg;
- 5kg buckets on pallet of 600 kg.

#### STORAGE

It can be stored 12 months in a dry place in original packaging.

#### ITEM SPECIFICATIONS

Waterproofing of balconies, terraces and building roofing in general, must be realized with a waterproofing liquid membrane, such as Elastoplus UV by Edilcol Italia, to be applied in two or more layers and which presents, after 28 days, an adhesion  $\geq 5$  kg/sqcm.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

## PREPARATION of the substrate

- Check that the surfaces to be treated are clean, consistent, moist (R.H.  $\approx$  6%) and without fissures or subject to rising moisture.
- Remove the causes of the possible presence of water and repair the damaged areas using the structural recovery mortar MX 300 Tixotropic (in class R3) or MX 300 Tixotropic Plus (in class R4) (see their technical data sheets).
- On metal, wooden, non-absorbent substrates and bitumen-polymer membranes using a suitable primer before applying UV Elastoplus.

## APPLICAZIONE

- Elastoplus UV is ready to use, so it is needed only to briefly mix it with a trowel before of the use without adding anything else to the product.
- Apply with brush, roller or airless two or more layers of Elastoplus UV with a total consumption not lower than 2 kg/sqm.
- Any expansion joints should be treated separately.
- After the application, any residual stickiness can be eliminated with dusting of industrial talc or dusting concrete.

## RECOMMENDATIONS

Do not apply on non-absorbent surfaces or different from those indicated.

Do not apply on surfaces subject to water stagnation.

Do not apply outside on too sunny or windy days, on frozen surfaces, during the thaw or with risk of frost for the 24 hours following the application and at temperatures lower than +5 °C or higher than +35 °C.

Protect Elastocem Plus from frost during the storage.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

## DATI TECNICI

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|                                        |                                                     |
|----------------------------------------|-----------------------------------------------------|
| Type of product:                       | monocomponent                                       |
| Colour:                                | white, grey or red                                  |
| Bulk density:                          | $\approx$ 1,40 kg/liter                             |
| Dry weight residue:                    | $\approx$ 70%                                       |
| Dilution:                              | ready to use (if necessary dilute with 5-10% water) |
| Exterior dust drying at about 23°C:    | 6 hours                                             |
| Complete drying at about 23°C:         | 24 hours                                            |
| Thickness of the dried film:           | $\approx$ 1 mm (per 2 kg/sqm)                       |
| Consumption by layer:                  | 1 kg/sqm                                            |
| Minimum number of layers:              | 2                                                   |
| Tensile strength Ø 1 mm:               | 2 kg/cmq                                            |
| Tensile elongation Ø 1 mm:             | 600 %                                               |
| Cold flexibility:                      | -20°C                                               |
| Adhesion:                              | 5 kg/cmq                                            |
| Waterproofing:                         | 500 kPa (no loss)                                   |
| Permeability to water vapor ( $\mu$ ): | 19.000                                              |
| Contribution of smoking:               | none                                                |
| Hazard classification:                 | none (EEC 88/379)                                   |