



TECHNICAL DATASHEET



ELASTOTEK

BICOMPONENT ELASTOMERIC RESISTANT and
PROTECTIVE WATERPROOFING COATING AGENT

DESCRIPTION

Protective, waterproofing, elastomeric and colored coating agent based on modified water-repellent polyurethane resins, solvent and bitumen free.

GENERAL FEATURES

Bi-component product characterized by an excellent elasticity, a good mechanical strength, an excellent chemical resistance, a good leveling power and a great impermeability to water. It can be applied with a roller, brush, spatula or airless sprayer.

In its silver version, the special pigments based on lamellar structured aluminum, make the coating particularly resistant to sunlight, which does not require any further protective treatment such as aliphatic finishing or UV resistant agents. It even benefits from thermal insulation.

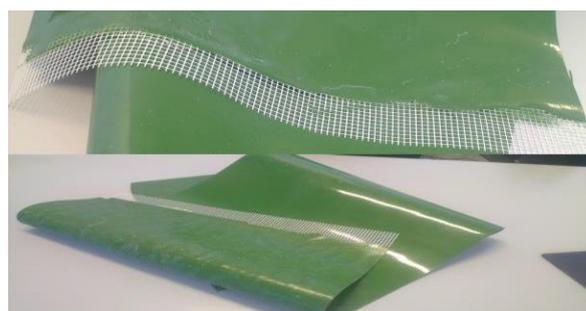
TECHNICAL FEATURES

| | |
|---|--|
| Dry residue: | 100% |
| Colour: | Silvery gray other RAL upon request |
| Mixing ratio | |
| Comp. A+B: | 100 + 52 parts by weight |
| Specific gravity of mixing A+B: g/cm ³ (silver version) | 1, 20 ± 0, 03 |
| Specific gravity of mixing A+B: g/cm ³ Pot life (workability time): | 1, 35 ± 0, 03 70' per 200 g |
| Min temperature of Application: | + 5°C |
| Elongation at break: (without armor) | ca 300% |
| Hardness Shore A: | 60 ± 5 |
| Pause between each coating: (with armor) | 16-24 ore |
| Hardness: | accessible after 24 h |
| Complete Hardness: | 7 days |
| Min temperature of Application: | + 5°C |

MAIN APPLICATIONS

- Coating and waterproofing agent of general concrete surfaces
- Fiber cement roofing coating
- Coating and waterproofing agent for cement or stone roofs and terraces

ELASTOTEK is also available in the version for vertical application and suitable, therefore, for the coating of tanks, retaining walls, etc. It possible to perform other kind of applications. For enquiries, please contact our Office



PERFORMANCE

About 2, 2/2, 6 Kg/Sqm, depending on thickness and colour.

APPLICATION

Guidance of application:

- Clean the surface accurately
(Before applying ELASTOTEK, completely remove any trace of oil, grease, old paint, loose parts and bitumen from the surface to coat.)
- Application of a layer of primer (brush, roller, or airless spray) such as our TEKNAPOX WPR or EPOTEK PRIMER (see technical data sheets), for a consumption of 300-400 g/m², depending on the porosity of the support
- In an interval between 18 and 36 hours (at + 25 °C) after the application of the primer, apply the first layer of ELASTOTEK; It can be applied with palette knife, roller, brush or airless sprayer.
- Apply the polyester mesh
- Apply the second layer of ELASTOTEK.

Number of layers: 2, spaced by a non-woven-fabric (60-80 g / m²) or polyester mesh, or other materials (in this case prior to a compatibility test).

In case there is no use of armor, which is generally highly recommended, it is possible to apply the product in one coat, or directly wet on wet.



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TECHNICAL DATA SHEET

Avoid applying the product in presence of moisture derived from rising damp.

INSTRUCTIONS FOR USE

Before mixing the components A and B, it is necessary to previously mixed them separately in order to uniform the separate components during storage.

For the above operation use clean tools: if the same tool is used (eg. Spatula or helical drill) for mixing separately A and B, this must be carefully cleaned before moving from one to the other.

The base and the reagent are carefully weighted following the amounts indicated in the technical documents (100 + 52 parts in weight, eg. A = 10 Kg + B = 5.2 Kg), using a suitably accurate scale, and then mixed slowly with one another (to avoid air entrapment), using a drill with a twist bit (like those used for mixing paints and varnishes); for small amounts of the mixture it is sufficient to use a long spatula.

The mixing process must be carried out for a couple of minutes, using a clean and wide container. Then, the mixture is poured into another container and remixed for a few seconds in order to avoid (from the bottom or from the walls of the first container) any residue of badly mixed product.

Since the components A and B are pre weighed in the correct ratio (100 + 52 parts in weight) before being sealed in their original packaging, it is recommended, when possible, to organize work in order to use the entire content of the.

STORAGE

If stored in its original sealed packaging, at temperatures between + 5 ° C and + 35 ° C, the product is valid for 8 months.

WARNING

During handling and application always use personal protective equipment.



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