

ELASTOLIQUID STRONG

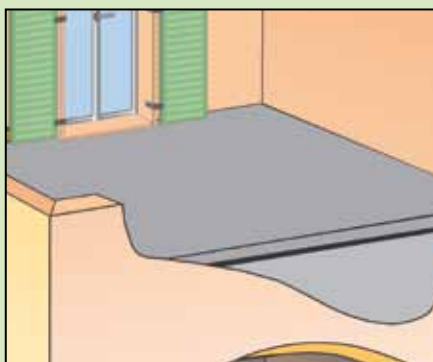


WATER-BASED, DECORATIVE, WATERPROOFING, FIBRE-REINFORCED COVER FOR THE PROTECTION OF CONCRETE

CHARACTERISTICS			ECO GREEN	METHOD OF USE				
ONE-COMPONENT	WATER-BASED	WATERPROOF	ECO GREEN	MIX MECHANICALLY	APPLY BY BRUSH	APPLY BY ROLLER	APPLY BY TROWEL	+5°C +35°C

PROBLEM

HOW TO WATERPROOF CONCRETE SURFACES SUBJECTED TO FOOT TRAFFIC AND MECHANICAL STRESSES



Traditional waterproofing liquid membranes are unsuitable for resisting continuous foot traffic, and, generally, do not resist high mechanical stresses.

SOLUTION

ELASTOLIQUID STRONG is a ready-to-use elastomeric, waterproofing cover. It contains synthetic polymer dispersed in water, and added special short fibres which increase resistance to continuous foot traffic and to mechanical stresses in general. When dried, **ELASTOLIQUID STRONG** forms a strong film which adheres perfectly to the articles it is applied on.

APPLICATION FIELDS

ELASTOLIQUID STRONG is recommended for covering and waterproofing concrete roofs. It can also be used for waterproofing concrete terraces before grès or clinker tiles applied on, and, generally, on complex geometry surfaces, where polymer bitumen membranes cannot be applied.

ELASTOLIQUID STRONG is suitable for waterproofing terraces with floors made of: concrete, polymer bitumen membranes self protected with mineral slate granules. On old polymer bitumen membranes or bitumen coverings, the adhesion varies according to the degree of ageing of the covering itself. In the above case it is necessary to check the adhesion of **ELASTOLIQUID STRONG** prior to application.

ADVANTAGES

- Greater resistance to foot traffic and mechanical stresses.
- Reduces degradation due to carbonation of concrete.
- Excellent resistance to ultraviolet rays.
- Non-inflammable.
- Non-toxic product.

METHOD OF USE

• SURFACE PREPARATION

The surfaces must be clean, dry and free of impurities and dust. Any holes, cracks and cavities must be repaired with RESISTO UNIFIX mortar (1)

• MIX PREPARATION

For very 'floury' and dusty surfaces, we recommend applying ELASTOLIQUID diluted with 30% water as a primer.

ELASTOLIQUID STRONG must be accurately mixed in its container before use. The product is ready for use, and dilution with water is not recommended. If necessary, dilute with a maximum of 10% water (2).

• APPLICATION

You can apply the product with a roller, spatula and brush. We advise you to apply it with two crossover coats.

The second coat must be applied on the film of the first dried coat (3).

The surfaces must have a minimum slope of 3% or sufficient to allow regular draining of stormwater; it is not suitable on flat surfaces with prolonged water stagnation.

COVERAGE

Consumption of the material depends on the type of surface, its degree of porosity, and on the required thickness.

By applying two coats, consuming 1.5-2 Kg/m², you obtain an average thickness of dried film of 0.8 mm.

PRECAUTIONS

- Keep the containers sealed before use.
- Not frost-proof, keep at temperatures above +5 °C
- Apply at temperatures between +5°C and +35°C.
- Only apply **ELASTOLIQUID STRONG** on surfaces which allow regular draining of stormwater; do not ap-

ply to surfaces subject to water stagnation.

- Do not apply in very damp conditions or if there is the risk of rain while the film is still drying.
- **ELASTOLIQUID STRONG** cannot be walked on except for periodic maintenance purposes.
- Application on new bitumen surfaces is not advisable, which generally have superficial outcrops of hydrocarbons, preventing perfect adhesion of the **ELASTOLIQUID STRONG** film.

(See following)



TECHNICAL CHARACTERISTICS

ELASTOLIQUID STRONG

Aspect	Pasty liquid
Colour	Grey RAL 7004 Red RAL 3009
Specific weight of volumetric mass at 23°C (UNI EN ISO 2811-1)	1.40±0.05 Kg/l
Cold flexibility	-5°C
Solid content (UNI EN ISO 3251)	64±3%
Drying time away from dust	4-8 ore
Ultimate elongation on 1.4 mm film (norma NFT 46002)	100÷250%
Ultimate tensile strength on 1.4 mm film (norma NFT 46002)	15-30 Kg/cm ²
Cold state flexibility (-15°C) on 1.2 mm film (UNI EN ISO 1109)	passed the test
Store in the original packages	12 months

(See previous)

- Should use on a new bitumen covering be envisaged, the membrane of the last layer must be slate coated.
- For painting on old bitumen coverings, it is necessary to check the adhesion of **ELASTO-**

LIQUID STRONG and if necessary eliminate the water-soluble powder still on the surface using a water jet cleaner.

- After use clean the tools with water and, if the product has dried, it is recommended to

remove it with white spirit or hot water.

- If **ELASTOLIQUID STRONG** is applied to sand-blasted polymer bitumen membranes laid on insulating packages it must be used in combination with RINFOTEX reinforcement.

ing the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consider

SAFETY REGULATIONS

GENERAL WARNING

D.P.I.

WEAR PROTECTIVE CLOTHING

- Avoid eye contact.
- Do not throw away residues into the sewers.

PACKAGING

Pail	20 kg.
Can	5 kg.

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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