

Protector

Elastic protective paint for waterproofing systems. Ready-to-use and suitable for application on horizontal, vertical and sloping surfaces.



BRUSH APPLICATION



ROLLER APPLICATION



SINGLE-COMPONENT PRODUCT



UV-RESISTANT



RAINWATER RESISTANT



PRONTO ALL'USO



HIGH CHEMICAL RESISTANCE



Use this QR code for further details on application modalities, safety sheet and other information.

49

Product code



Technical and physical characteristics

Package	5 l
Consistency	Liquid
Colour in the can	Matt white
Density	1.50 ± 0.05 kg/l
Brookfield viscosity at 25°C	10.000 ± 3,000 mPa·s
Volumetric dry residue	60% ± 2%
Theoretical yield	5 m ² /l per coat

Typical wet/dry thickness	170 µm wet / 100 µm dry
Drying at 25 °C	Out of touch 1 h Dry 24 h
Walkability	24 h
Flash point	Non-flammable
Dilution with water by volume for roller application	1st coat 20-30% 2nd coat 10-15%
Dilution with water by volume for brush application	1st coat 15% 2nd coat 15%
Storage period	12 months in unopened packages away from humidity

Description

Tradielastic Protector is a liquid exterior paint based on acrylic resins in aqueous emulsion for protective coatings of waterproofing systems. The specific formulation gives the finished product high resistance to abrasion, all weather conditions, water stagnation, temperature changes and UV radiation.

Tradielastic Protector does not contain any harmful substances and does not emit any unpleasant odours; strong, dust-proof, non-flammable, can also be coated with transparent or coloured epoxy polyurethane synthetic top coats.

Fields of application

Specific protection for elasto-cementitious mortars such as Tradielastic MONO, Tradielastic Plus and similar. Easy to apply, it is suitable for concrete or cement surfaces, mineral,

synthetic and bituminous conglomerates. Highly durable, does not yellow over time.

Substrate preparation

Concrete or cement:

ensure that the surface is well dried and cured. Clean thoroughly by removing all traces of dust or grease with suitable washing or brushing. Apply a coat of insulating Primer or Microfix diluted with water. After complete drying, apply two coats of Tradielastic Protector evenly with a roller or brush, according to the specified dilution.

Synthetic bituminous conglomerates:

ensure that it is well compacted without any defects and surface detachments (any deficiencies must be repaired). Apply a first coat of Tradielastic Protector thinned by 20 - 30% as indicated in the technical specifications. After a minimum of 6 hours, apply a second coat of Tradielastic Protector diluted by 10% in a crosswise direction to the previous coat.

Product Preparation and Application

Dilute Tradielastic Easy with water by volume according to the two application methods:

For roller application:

Dilution 1st coat 20-30% by volume

Dilution 2nd coat 10-15% by volume

For brush application:

Dilution 1st coat 15% by volume

Dilution 2nd coat 15% by volume

The product should be diluted according to the application method.

Application can be carried out with a brush, roller or metal trowel. Apply the first coat evenly over the surface. Apply the second coat after the first coat has been applied, proceeding in a crosswise direction to the previous coat.

If the substrate may be subject to expansion and consequently to micro-cracks, insert an alkali-resistant glass fibre reinforcement mesh between the first and second coat when fresh.

Advantages

Long-lasting protection

Thanks to its specific formulation, Protector has excellent adhesion on numerous types of substrate and high elasticity that accommodates traditional deformations due to dynamic stresses affecting the structure. In addition, its

nature makes it particularly resistant to abrasion, weathering and UV rays, thus providing long-lasting protection to the substrate.

Specification item

Application of two coats of elastomeric paint on floors based on modified acrylic resins in water dispersion and photostable

pigmentation such as Tradielastic Protector with a yield of 5 m²/l.



This is Tradimalt's way of communicating, in its information and technical-commercial material, the composition of each product and some of the product's key features. Therefore, the focus is on supply chain transparency, not required by any relevant regulation but which Tradimalt nevertheless intends to offer to its customers in order to emphasise the quality of the raw materials, and thus of the product, as well as the safety that the company intends to demonstrate with regard to formulations. The focus is therefore in the "transparency" that the company intends to manifest in the supply chain, which is not required by any current formulation law.

Raw materials contained in the product

Selected raw materials:

- modified acrylic resins with internal emulsion plasticisation in aqueous solution with coloured pigments and filling aggregates stable with respect to weathering and ultraviolet rays.

Warnings

- Do not apply the product in the presence of rising damp if the ambient and substrate temperature is not below +5 °C and above +40 °C with relative air humidity not exceeding 75 %;
- Do not apply if there is a threat of rain or in strong wind. It is not possible to give a well-determined yield, since the type of surfaces is variable both in the degree of absorption and in the degree of finish, so a preliminary test is recommended of consumption.
- Wash tools after use with water.
- Protect exterior surfaces after application for at least 48 hours after the rain.
- The product is non-flammable, and does not require any labelling relating to dangerousness according to current regulations.
- Store in a dry place and protected from frost and direct sunlight for a maximum duration of 24 months.

The technical-practical information contained in the technical data sheet is the result of our most accurate and detailed scientific research and experience in the field. However, since we cannot directly influence the site conditions and the execution of the work, this information is to be considered non-binding and therefore not legally or otherwise mandatory for third parties. This information does not exempt the end user from their responsibility to test our products in order to ascertain their suitability for the intended use. We therefore strongly advise the customer/applicator to carry out the appropriate preventive tests of Tradimalt products so that their suitability can be ascertained.