

# T3 Easy Plus

Walkable single-component aqueous emulsion waterproofing coating with high resistance to stagnant water and UV radiation.



UV-RESISTANT	WALKABLE	IDEAL FOR UNEVEN SURFACES	EASY LAYING
READY-TO-USE	RESISTENTE AI RISTAGNI DELL'ACQUA	HIGH ELASTICITY	



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

**202** Product code



## Technical characteristics

Type of mortar EN 1504-2	Coating (C) according to MC and IR
Permeability to CO2 EN 1062-6	$s_D > 50$ m
Degree of water vapour transmission UNI EN 7783-2	Class I ( $s_D < 5$ m)
Grip force for direct traction UNI EN 1542	$> 0.8$ MPa
Resistance to cracking	Class A5 (23 °C) – Class A5 (0 °C) Class A5 (-5 °C)
Free water permeability coefficient by capillarity UNI EN 1062-3	$w < 0.1$ kg·m <sup>-2</sup> ·h <sup>-0.5</sup>
Water impermeability (500 kPa)	No penetration

Dust-free drying at 23°C (±3°C)	6 hours
Complete drying at 23 °C (±3 °C)	24 hours
Thickness of dried film	1 (± 1%)(x 2 kg/m <sup>2</sup> ) mm
Tensile strength Ø 1mm	2.9 MPa
Tensile elongation Ø 1mm	100%
Cold flexibility	-10°C
Adhesion Test	8 MPa

## Description

Tradielastic T3 Easy Plus is a continuous elastomeric coating with high resistance to stagnating water, formulated with resins in aqueous emulsion, with colour pigmentation and mineral filler aggregates with a barrier effect, which give the product extraordinary impermeability and resistance to weathering, rainwater, vapour and moisture. These resistance characteristics enable the replacement

of asphalt membranes with an easy-to-apply, continuous liquid sheath with far superior results without detachment, swelling or cracking if applied in accordance with the requirements described below.

Tradielastic T1 HP meets the minimum requirements of EN 1504-2 ("Concrete Surface Protection System").

## Technical and physical characteristics

Package	18 kg	Dilution	Ready to use
Product type	single-component	Operating temperature	+ 5 °C to + 35 °C
Colour	White	Specific weight	1.40 (± 0.05) kg/litre
Dry residue weight	70 (± 2%) %	Storage period	12 months in unopened packages

## Fields of application

Waterproofing of:

- building covers in general,
- old asphalt pavements
- foundation walls
- ground retaining walls
- gutters
- cornices,
- concrete terraces
- chimneys;
- canopies;
- walls, façades;
- roofs insulated with polyurethane foams.

Ideal for the protection of sandwich panel headers.

## Substrate preparation

Ensure there is no rising or negative buoyancy of moisture, as this could lead to vapour pressures in the cement-covering interface, causing it to detach.

- **Cementitious substrates:** Wait for new surfaces to cure properly. As a primer for the substrate, apply one coat of T3 Easy Plus diluted with 50% water. Treat the wall-floor corner by making a perimeter groove with Tradiflex cartridge sealant; also use Tradiflex cartridge sealant when sealing natural cracks, as well as cracks between sill elements and in the sill-to-tile adjacency.
- **Tiled substrates:** After any missing or damaged jointing material has been restored, apply a coat of Tradicoll Grip adhesion promoter.
- **Bituminous membrane substrates:** In the event of detaching of overlapping parts or creeping phenomena, the continuity of the covering should be welded and hot-fixed. Tradiflex sealant can be used for cold sealing slits and small cracks in old asphalt surfaces. Apply a coat of Tradicoll Grip adhesion promoter, avoiding product build-up.

## Product preparation

Tradielastic T3 Easy Plus is ready to use and does not need to be diluted. After carrying out the operations described in the "Substrate preparation" section and waiting for the relevant primer to dry, apply two or more coats of T3 Easy Plus by roller, brush or airless, with a total consumption of no less than 2kg/m<sup>2</sup>.

- Use reinforcements from the Tradielastic line or straps where the product is subject to high mechanical stress.
- Any expansion joints must be treated separately.
- Tools can be cleaned with water when fresh, with nitro solvents when dried.

## Application

Apply the first coat by roller, brush, rubber trowel or airless covering the surface evenly. Apply the second coat when the filming of the first is complete, in a crosswise direction to the previous coat.

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

## Advantages

- Resistance to ultraviolet rays, no protection required.
- Resistance to industrial and marine atmospheres.
- Safe product for laying operations.
- Elasticity.
- Adaptable to any surface geometry to be coated.
- Creation of continuous waterproofing membranes.
- Ease of installation.
- Walkable for normal maintenance.

## Specification item

Application of a continuous waterproofing membrane, based on elastomeric terpolymer resins in aqueous emulsion and colour-filling pigmentation on the exterior surfaces of moderately walkable terraces and balconies prior to tiling

with a barrier effect and high resistance to mechanical abrasion; such as Tradielastic T3 Easy Plus, walkable with a consumption of 1.0 - 1.3l/m<sup>2</sup> per layer.



REA No. CH 135733 for

**TRADIMALT S.p.A.**

Via Nazionale 1 - VILLAFRANCA  
TIRRENA 98049 MESSINA - ITALY

18

#### UNI EN 1504-2

#### *Tradielastic T3 Easy plus*

Liquid applied waterproofing product, coating (C) for the protection of concrete by means of protection against penetration risks, moisture control and increased resistivity.

CO<sub>2</sub> permeability: > 50 m

Water vapour permeability: Class 1

Capillary absorption and water permeability:  $w < 0.1 \text{ kg}/(\text{m}^2 \times \text{h}^{0.5})$

Direct traction adhesion force > 0.8 MPa

Resistance to cracking: Class A5 (23 °C); Class A5 (0 °C); Class A5 (-5 °C)

Hazardous substances: See SDS



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:

- thermoplastic resins, with colour pigmentation and filler aggregates that give the product an extraordinary impermeability;
- pigments, titanium dioxide.

### Warnings

Do not apply Tradielastic Easy:

- in case of imminent rain, dew and fog;
- if frost is expected in the following 24 hours;
- at temperatures below 5 °C or above 35 °C;
- on substrates that have not yet fully matured;
- on frozen or overheated substrates;
- with water, cement, aggregates or other additions;
- for coat thicknesses > 2 mm per coat.

Store the product in a dry, well-ventilated place for up to 12 months. T1 HP fears frost, therefore store containers at temperatures above 0 °C.

Mix the contents of the pack before application. After application, any residual stickiness can be removed with industrial talcum powder or cement dusting.

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.