

WATERPROOF PU UV TOP COAT



One-component aliphatic polyurethane protective coating



■ PROPERTIES

One-component aliphatic, elastomeric, polyurethane coating, suitable for protecting polyurethane waterproofers.

When applied over polyurethane-based roof waterproofers, it forms a protective barrier that prevents chalking from exposure to sunlight.

■ ADVANTAGES

- Aliphatic - unaffected by UV radiation.
- Color stability - does not yellow.
- Excellent resistance to weather conditions and mechanical stresses.
- High resistance to hydrolysis, standing water, and frost.
- Maintains mechanical properties in temperatures ranging from -40°C to +80°C.
- Suitable for foot traffic.
- Strong adhesion to polyurethane waterproofers.
- Abrasion-resistant.
- Does not release harmful substances after full curing.

- Provides long-term protection of the final waterproofing coat.
- Enhances the durability of the entire waterproofing system.

■ APPLICATIONS

WATERPROOF PU UV TOP COAT is a protective coating for one component polyurethane waterproofers, ensuring their long-term resistance to mechanical and thermal stresses.

It is ideal as a top coat for WATERPROOF PU 700 of DUROSTICK, providing enhanced resistance to solar radiation while preserving and extending its advantages and properties over time.

■ USE

1. Surface preparation

The substrate must be dry and free from dust and contaminants. If the surface is washed, it must be thoroughly dry before application.

WATERPROOF PU UV TOP COAT



One-component aliphatic polyurethane protective coating

2. Application

Before application, it is recommended to mix it lightly, avoiding the risk of trapping air. It is applied in one or two coats by roller or spray. The second coat is applied crosswise, 24 hours after the first one, depending on weather conditions. Its curing time is 12-24 hours, depending on temperature and humidity. Not recommended to dilute it with water.

■ CLEANING

Clean all tools with THINNER 201 of DUROSTICK, immediately after use.

■ CONSUMPTION

0.12-0.25kg/m² per coat, depending on the substrate.

■ STORAGE

Store in its factory-sealed packaging, in spaces protected from frost, moisture, and sunlight, for 12 months from production date.

■ PACKAGING

4kg, 19kg metal containers.

TECHNICAL SPECIFICATIONS	
■ Color	White
■ Chemical base	One-component aliphatic polyurethane
■ Skin formation	30' depending on weather conditions
■ Density	1.05±0.05kg/lt
■ Viscosity	2.000 - 2.500 cps
■ Elongation at break (DIN 53504)	300%
■ Tensile strength (DIN 53504)	3.7 N/mm ²
■ SHORE A hardness	80
■ Temperature variation resistance	From -40°C to +80°C
■ Application temperature	+5°C to +40°C
■ Adhesion to concrete (ASTM D903)	> 2 N/mm ²
■ Resistance to ageing (QUV-se ACCELERATED WEATHERING CYCLIC CORROSION TESTER)	
Subjected to 2000 hours of technical aging, consisting of the following cycles: a. 4 hours exposure to ultraviolet radiation, in an environment of 60°C. b. 4 hours exposure to humidity in an environment of 50°C.	Result: No color change. No chalking. Maintenance of mechanical properties. Maintenance of elasticity.

V.O.C. (Volatile Organic Compounds):

Limit value of maximum V.O.C. content according to EU (Directive 2004/42/EC) for the particular product (category A/i 'one-pack performance coatings', Type SB): 500gr/lt (2010). The ready-to-use product contains a maximum of 350gr/lt V.O.C.

DUROSTICK S.A.,
 MANUFACTURING OF ADHESIVES,
 PAINTS & MORTARS
ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00,
 Tel: +30 211 60 03 500-599, +30 210 55 16 500,
 +30 210 55 98 350, Fax: +30 210 55 99 612
THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44,
 STREET, DA 10, GR: 570 22,
 Tel: +30 2310 795 797, +30 2310 797 365,
 Fax: +30 2310 797 367
 Email: info@durostick.com