



DESCRIPTION

Coloured one-component protective coating based on special acrylic resins and additives in water dispersion. It is stable to UV rays, weathering, freeze-thaw cycles, thermal shocks and has excellent durability. The product is walkable for service.

FIELDS OF APPLICATION

A product specially developed for the protection of bituminous coverings, both smooth and slated, if you want to increase the durability of the waterproofing layer. It can also be used for protecting concrete structures, walls, parapets, etc, Can be applied both horizontally and vertically.

It can be used on various substrates, including:

- Smooth or slated bituminous membranes;
- Concrete;
- Cementitious substrates;
- Bricks.

PACKAGING

5, 10, 20 kg plastic buckets.

CONSUMPTION

0,6-0,7 kg/m² in two coats.

CHARACTERISTICS AND ADVANTAGES

- Easy to apply;
- Excellent resistance to water stagnation;
- No finishing required;
- Operating temperature from +80°C to -10°C.

CERTIFICATIONS

ISO 9001 certified quality management system (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION

Thoroughly clean the substrate to remove: dust, brittle parts, any foreign or non-stick substances. Ensure that the surface to be treated is free of excessive humidity (more than 5%), which could cause blistering and detachment.

Bituminous membranes must have been oxidised for at least 180 days.

PRODUCT PREPARATION

One-component, ready-to-use product that does not require dilution. Mix briefly before use.

METHOD OF APPLICATION

Apply the product in two coats using a roller or brush. Wait for the curing time before applying the second coat (refer to 'CURING' section).

Apply the product at a temperature between +5°C and +35°C.

CURING TIME

The curing time of ELASTOFLEX PROTECT is influenced by the surrounding temperature.

For drying and curing times (at 20°C), please refer to the below table.

Second coat application	18-24 hours
Walkability after second coat	24 hours
Complete curing	7 days

WARNINGS

- Do not use any water and/or solvents;
- Do not add additives or fillers;
- Do not use if the container is damaged;
- Do not apply the product in thick coats;
- Protect from water, rain, fog and snow in the first 24 hours after each application step.

ELASTOFLEX PROTECT

LIQUID PROTECTIVE AGENT BASED ON
ACRYLIC RESINS IN WATER DISPERSION



CLEANING OF TOOLS

The equipment used for the preparation and application of ELASTOFLEX PROTECT must be cleaned immediately after use with water. After hardening of the product, removal may only be carried out mechanically.

HEALTH AND SAFETY WARNINGS

For information on safety regulations, hazard and precautionary statements, please refer to the most recent safety data sheet, by requesting it at:

ufficiotecnico@apsebg.it

STORAGE

Shelf life 12 months, if stored in original packaging, in a dry, moisture-free place. Store at temperatures between +5°C and +35°C. It is frost sensitive.

DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

FEATURE	STANDARD	RESULT
Appearance	-	Coloured liquid
Specific weight	EN ISO 2811-1	1,45 ± 0,05 g/cm ³
Viscosity	EN 8490	8000 ± 2000 cps

PRODUCT FEATURES IN OPERATION

FEATURE	STANDARD	RESULT
Breaking load	ASTM D 2370	≥ 2,82 N/mm ²
Elongation at break	ASTM D 2370	≥ 100 %
Elastic modulus	ASTM D 2370	7,95 N/mm ²
Crack bridging	EN 1062-7	Class A3: ≥ 1180 µm
Water absorption after 7 days immersion	ASTM D 471	≤ 9,5%
Direct tensile adhesion	EN 1542	≥ 1,3 N/mm ²
Water vapour permeability	ISO 7783	Class I: Sd < 5m
Capillary absorption	EN 1062-3	W = 0,08 kg/m ² .h ^{0,5}

SOLAR REFLECTION COLOUR WHITE

FEATURE	STANDARD	RESULT
Solar Reflection Index(SRI)	ASTM E1980-11	97
Solar reflection factor (ρ _e)	ASTM C1371-15	0,78
Solar absorption factor (α)	ASTM E903-20	0,22
Thermal emissivity (ε)	ASTM G173-23	0,92

Tests performed at test laboratory 'Istituto Giordano', Test Report No. 426804.

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