



## DESCRIPTION

One-component, fiber-reinforced, colored waterproofing and 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 specially developed product for waterproofing and protecting stiff structures even with surface irregularities such as coverings, roofs, and solar slabs.

It can be used on various substrates, including:

- Concrete;
- Cementitious substrates;
- Bricks;
- Fibrocement.

## PACKAGING

5, 10, 20 kg plastic buckets.

## CONSUMPTION

1,5-1,6 kg/m<sup>2</sup> in two coats.

## CHARACTERISTICS AND BENEFITS

- Fibre-reinforced;
- Excellent resistance to water stagnation;
- Excellent UV resistance;
- No finishing required;
- Operating temperature from +80°C to -10°C.

## CERTIFICAZIONI

ELASTOFLEX ACR FIBER complies with UNI EN 1504-2: Concrete Surface Protection Systems (DoP n° 559).

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.

For sealing wall/floor corners, drains, vents, etc., use ELASTOBAND 10.

## PRODUCT PREPARATION

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

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

## METHOD OF APPLICATION

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

## CURING TIME

The curing time of ELASTOFLEX ACR FIBER is influenced by the surrounding temperature. For drying and curing times (at 20°C), please refer to the below table.

Second coat application	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.



## CLEANING OF TOOLS

The equipment used for the preparation and application of ELASTOFLEX ACR FIBER 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](mailto: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 <sup>3</sup>
Viscosity	EN 8490	20000 ± 2000 cps

### CARATTERISTICHE DEL PRODOTTO IN ACCORDO ALLA NORMA EN 1504-2

FEATURE	STANDARD	RESULT
Water vapour permeability	ISO 7783	5m ≤ S <sub>D</sub> ≤ 50 m
Capillary absorption	EN 1062-3	W < 0,1 kg/m <sup>2</sup> .h <sup>0,5</sup>
Direct tensile adhesion (without traffic)	EN 1542	≥ 0,8 N/mm <sup>2</sup>
Direct tensile adhesion after thermal shock cycles (without traffic)	EN 1542	≥ 0,8 N/mm <sup>2</sup>

The data given above are information obtained from our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes any previous revision, all under the continuous verification of the data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website: [www.apse.it](http://www.apse.it)

