



## DESCRIPTION

APSEPOX 910 is a two-component formulation based on epoxy resins in water emulsion with good chemical and mechanical resistance to water and abrasion. When diluted with water as indicated below, it can be used as an impregnating agent, making the substrate dust-proof and easy to clean.

## FIELDS OF USE

- Dust-proof impregnating agent for industrial floors;
- Adhesion promoter for recoatings;
- Water-based primer for dispersion coatings;
- Impregnating and consolidating agent for common mineral substrates (fibre cement, prefabricated elements, stone, etc.).

## PACKAGING

Component A = 9 kg tin

Component B = 4,5 kg bucket

## CONSUMPTION

Consolidating agent: 50-80 g/m<sup>2</sup>

Impregnating agent: 100-120 g/m<sup>2</sup>

Adhesion promoter for re-casting: 250-300 g/m<sup>2</sup>

## MIXING RATIO

Comp. A: Comp. B = 2 : 1

## CHARACTERISTICS AND ADVANTAGES

- Excellent as a consolidating agent for concrete and porous surfaces generally;
- Adhesion promoter for successive phases;
- Excellent adhesion to standard building materials;
- Good adhesion even on slightly moist substrates.

## 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

Clean the substrate from dust, leftover oil, crumbling parts, pre-existing coatings and in any case from anything that may affect adhesion. Wash the surface with a pressurised water jet and industrial detergent. Rinse with clean water. Avoid the accumulation of stagnant water from washing the floor and vacuum with a wet vacuum cleaner if necessary.

## PRODUCT PREPARATION

APSEPOX 910 is a pre-dosed two-component formulation. To prepare, proceed as follows: pour component A into the container of component B and mix the two components thoroughly with a drill at low speed until a homogeneous, lump-free product is obtained. Dilute according to the intended application.

Used as an impregnating agent: dilute 1:2 with clean water.

As a consolidating agent, dilute 1:3 to 1:5, depending on absorption.

Used as an adhesion promoter dilute 1:0.3 with clean water.

## MODE OF APPLICATION

As an impregnating agent or as a consolidating agent apply by roller or spray.

As an adhesion promoter for recasting application by roller or sprinkling.

The application must be carried out in such a way that the substrate is evenly distributed and completely covered.

As recasting apply 300-350g/m<sup>2</sup> diluted product 1:0.2.

Theoretical consumption of pure product 250-300g/m<sup>2</sup>. Over-lapping with new casting should be between 60 minutes and 3 hours.

Apply the product at temperatures between +8°C and +30°C.



## CURING

Refer to the table below for drying and curing times (at 20°C).

Pot-life	60 minutes
Walkability	24 hours
Full hardening	7 days

## WARNINGS

- Do not use it if the container is damaged;
- Substrates to be coated or treated must be undamaged, compact and free of loose and/or crumbling parts;
- Apply APSEPOX 910 evenly, avoiding the formation of build-up and/or puddles.

## CLEANING OF TOOLS

Tools used for mixing and applying APSEPOX 910 must be cleaned with water after use. After curing, removal may only be removed mechanically.

## HEALTH AND SAFETY

For information on safety regulations, hazard statements and precautionary advice, rely on the latest MSDS by making a request at: [ufficiotecnico@apsebg.it](mailto:ufficiotecnico@apsebg.it)

## STORAGE

Shelf life of 12 months when stored in original packaging in a dry, moisture-free place. Store at temperatures between +10°C and +25°C.

## DISPOSAL

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



## PRODUCT TECHNICAL DATA

### PHYSICAL CHARACTERISTICS (at+20°C)

FEATURE	NORMATIVE	RESULT	
		COMPONENTE A	COMPONENTE B
Appearance	-	Liquid	Dense liquid
Color	-	Transparent	Transparent opalescent
Specific gravity	EN ISO 2811-1	1,10 g/cm <sup>3</sup>	1,03 g/cm <sup>3</sup>
Viscosity	EN 8490	800 cps	2300 cps

### PHYSICAL CHARACTERISTICS OF THE MIXTURE (at +20°C)

FEATURE	NORMATIVE	RESULT
Color	-	Transparent opalescent
Mixture consistency	-	Dense fluid
Specific gravity	EN ISO 2811-1	1,05 g/cm <sup>3</sup>

### PERFORMANCE OF THE CURED PRODUCT

FEATURE	NORMATIVE	RESULT
Grip strength	EN 13892-8	≥ 3,5 N/mm <sup>2</sup>
Grip strength on wet concrete	EN 13578	≥ 3,5 N/mm <sup>2</sup>
Reaction to fire	EN 13501-1	F <sub>fl</sub>

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)

