

APSECRETE DECO

WATER-BASED EPOSSIDIC RASANTE
FOR DECORATIVE FLOORS AND COATINGS
UP TO 3 mm THICK.



DESCRIPTION

APSECRETE DECO is a formulation based on epoxy resins in emulsion to make thin skim coats on industrial and civil floors without vapor barriers. APSECRETE DECO makes it possible to create floor coatings with a high decorative effect.

FIELDS OF USE

It is used for floor coatings with variable thickness up to 3 mm. It can be intended for flooring and with the following applications:

- Coatings for stores;
- Coatings for showrooms;
- Coatings for display areas;
- Coatings for shopping malls;
- Coatings for industries in general.

PACKAGING

Comp. A = 16 kg in plastic bucket
Comp. B = 1.6 kg in plastic bucket

CONSUMPTION

1.3 kg/m² per mm of thickness

MIXING RATIO

Comp. A : B = 10 : 1

CHARACTERISTICS AND BENEFITS

APSECRETE DECO is an epoxy formulation that, thanks to its special characteristics, makes it possible to create thin skim coats with high decorative effects. Curing is by cold reaction without shrinkage presenting a compact, homogeneous and resistant surface.

CERTIFICATIONS

APSECRETE DECO complies with UNI EN 13813: materials for screeds (DoP No. 454).
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

Surfaces must be clean, free of dust, oil, grease, mud, friable parts, paint, and in any case of anything that could harm adhesion. Any metal substrates in the affected areas must be free of rust, rolling slag and other impurities. To this end, we recommend intervening with vigorous brushing and the appropriate METALPRIMER rust converter.

PRODUCT PREPARATION

The two parts of which APSECRETE DECO is composed must be mixed together. Pour component B (resin) into component A (colored hardener) and mix with a drill at low speed to avoid air inglobes. After mixing, to correct the consistency, add a maximum of 0.5 Lt. of water per package and stir again.

METHOD OF APPLICATION

Pour the product on the floor and distribute it evenly and homogeneously with a smooth trowel
Apply the product at temperatures between +5°C and +30°C.

APSECRETE DECO

WATER-BASED EPOSSIDIC RASANTE
FOR DECORATIVE FLOORS AND COATINGS
UP TO 3 mm THICK.



CURING

The curing time of a layer of APSECRETE DECO is affected by room temperature.

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

Workability time (Pot-life)	25 minutes
Out of dust	30 minutes
Onset time	60 minutes
Walkability	12-24 hours
Complete curing	7 days

WARNINGS

- Although the product has good chemical resistance, in some cases, it may be subject to color variations that do not change its general characteristics;
- Do not dilute APSECRETE DECO with solvents;
- Do not apply APSECRETE DECO outdoors;
- Do not apply APSECRETE DECO to dusty or crumbling substrates;
- Do not apply APSECRETE DECO to substrates polluted with oil, grease or dirt in general;
- Do not expose the mixed product to heat sources.

CLEANING OF TOOLS

Equipment used for the preparation and application of APSECRETE DECO must be cleaned immediately after use with water; after the product has cured, removal may be done only mechanically.

HEALTH AND SAFETY.

For information on safety regulations, hazard statements and precautionary advice, please rely on the latest MSDS by making a request to:

ufficiotecnico@apsebg.it

STORAGE

Shelf life of more than 12 months when stored in original packaging in a dry, moisture-free place. Frost hazard. Store at temperatures between +5°C and +30°.

DISPOSAL

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

APSECRETE DECO

WATER-BASED EPOSSIDIC RASANTE
FOR DECORATIVE FLOORS AND COATINGS
UP TO 3 mm THICK.



PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS OF THE TWO COMPONENTS (at +20°C)

FEATURE	STANDARD	RESULT	
		COMP. A	COMP. B
Appearance	-	Liquid	Liquid
Color	-	Neutral	straw-colored
Specific gravity	EN ISO 2811-1	1.50 g/cm ³	1.00 g/cm ³
Viscosity	EN 8490	Thick paste	300 cps

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

FEATURE	STANDARD	RESULT
Color	-	White
Mixture consistency	-	Thick paste
Specific gravity mixture	EN ISO 2811-1	1,34 g/cm ³

PRODUCT PERFORMANCE ACCORDING TO UNI EN 13813 STANDARD

FEATURE	STANDARD	RESULT
Compressive strength	EN 13892-2	1 gg: $\geq 25,0 \text{ N/mm}^2$
		7 gg: $\geq 35,0 \text{ N/mm}^2$
		28 gg: $\geq 43,0 \text{ N/mm}^2$
Flexural strength	EN 13892-2	1 gg: $\geq 3,40 \text{ N/mm}^2$
		7 gg: $\geq 7,70 \text{ N/mm}^2$
		28 gg: $\geq 8,80 \text{ N/mm}^2$
Bond strength	EN 13892-8	1 gg: $\geq 2,70 \text{ N/mm}^2$
		7 gg: $\geq 7,30 \text{ N/mm}^2$
		28 gg: $\geq 8,80 \text{ N/mm}^2$
Wear resistance BCA	EN 13892-4	$\leq 50 \mu\text{m}$
Reaction to fire	EN 13501-1	F _{fl}

PRODUCT PERFORMANCE IN OPERATION

FEATURE	STANDARD	RESULT
Water vapor permeability	EN 7783	6,67 g/m ²
Capillary absorption and water permeability	EN 1062-3	$W < 0,1 \text{ g/m}^2 \times h^{0,5}$
Chemical resistances	EN 13529	Sulfuric acid 20% Class I Sodium hydroxide 20% Class II

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

