

APSEPRIMER NS 125

TWO-COMPONENT EPOXY PRIMER WITH HIGH PENETRATION



DESCRIPTION

APSEPRIMER NS 125 is a two-component, fluid, solvent-free epoxy primer filled with mineral fillers. The components are supplied pre-measured.

FIELDS OF USE

Adhesion promoter for repairing and restoring the surface of degraded and corroded industrial flooring, for smoothing uneven surfaces. Adhesion promoter for resin flooring in industrial warehouses, storage facilities, chemical plants, food industries, etc.

APSEPRIMER NS 125 can be used pure or mixed with quartz (1:1 by weight) both for levelling and to improve the adhesion of subsequent resin coatings.

PACKAGING

Comp. A = 4 kg metal tins

Comp. B = 1 kg metal tins

or

Comp. A = 16 kg metal tins

Comp. B = 4 kg metal tins

CONSUMPTION

Primer: 0,3-0,4 kg/m²

Skimming compound: 1,7-1,8 kg/m² per mm thickness

MIXING RATIO

Primer Comp. A : Comp. B = 10 : 25

Skimming compound (A+B): Quartz = 1:1

FEATURES AND BENEFITS

- Adhesion promoter for following layers;
- Base coat (appropriately loaded in a 1:1 weight ratio);
- High mechanical properties;
- Excellent adhesion to traditional building materials;
- Good adhesion on humid substrates.

CERTIFICATIONS

APSEPRIMER NS 125 complies with standard UNI EN 13813: materials for screeds (DoP no. 473). 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 of dust, oil, grease, mud, friable parts, paint and anything else that could compromise adhesion. Any metal supports present in the affected areas must be free of rust and other impurities. In this case, we recommend brushing and using the special FERROCONVERT rust converter.

PRODUCT PREPARATION

APSEPRIMER NS 125 is a two-component primer with pre-dosed components. To prepare, proceed as follows: pour component B into the container of component A and mix the two components thoroughly with a low-speed drill until a homogeneous, lump-free product is obtained.

If necessary, 1 part APSEPRIMER NS 125 can be mixed with approximately 1 part quartz to facilitate the smoothing of slightly rough surfaces.

METHOD OF APPLICATION

APSEPRIMER NS 125 is applied with a roller, or with a smooth metal trowel or squeegee, evenly and with a uniform thickness on the suitably prepared substrate. Immediately after application, the fresh surface of APSEPRIMER NS 125 must be sprinkled with quartz to ensure perfect adhesion of subsequent resin coatings. Once dry, remove any excess quartz before applying further coats.

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CURING

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

Workability time (Pot-life)	30 minutes
Pure mixture usage time	20 minutes
Filled mixture usage time	40 minutes
Dust-free	2-4 minutes
Filled mixture gelation time (1 mm thickness)	40 minutes
Pure mixture setting start	10-15 hours
Filled mixture setting start (1:1)	10-15 hours
Walkability	12 hours
Complete hardening	7 days

WARNINGS

Do not use if the container is damaged.
The substrate surfaces must be undamaged.

CLEANING OF TOOLS

Tools used for preparing and applying APSEPRIMER NS 125 must be cleaned immediately after use with ethyl alcohol. Hardened material on tools and mixers can be removed mechanically.

HEALTH AND SAFETY WARNINGS

For information on safety regulations, hazard statements and cautionary advice, rely on the latest MSDS by making a request to:
ufficiotecnico@apsebg.it

STORAGE

Shelf life of 12 months when stored in original packaging in a dry, moisture-free place.
Store at temperatures between +5°C and +35°C.

DISPOSAL

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

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PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

FEATURE	NORMATIVE	RESULT	
		COMPONENT A	COMPONENT B
Appearance	-	Liquid	Liquid
Color	-	Neutral	Transparent
Specific gravity	EN ISO 2811-1	1,65 g/cm ³	0,99 g/cm ³
Viscosity	EN 8490	3600 cps	200 cps

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

FEATURE	NORMATIVE	RESULT
Color	-	Neutral
Consistency of the mixture	-	Thick fluid
Specific gravity	EN ISO 2811-1	1,4 g/cm ³

PRODUCT PERFORMANCE IN ACCORDANCE WITH UNI EN 13813

FEATURE	NORMATIVE	RESULT
Compressive strength at 28 days	EN 13892-2	45-55 N/mm ²
Flexural strength at 28 days	EN 13892-2	23-27 N/mm ²
Adhesive strength	EN 13892-8	2,0 N/mm ²
Reaction to fire	EN 13501-1	F _{fl}

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. - 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 all previous ones, all under the continuous verification of data according to the new current Standards and our ISO 9001 management system. Please be sure to check the most up-to-date version of this Data Sheet on our website: www.apse.it

