



DESCRIPTION

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

FIELDS OF USE

Primer adhesion promoter for flooring and coatings in the shipbuilding industry, prior to the following application of HYBRID n-COAT FR or VERNILUX POL FR paints.

PACKAGING

Comp. A = 17,6 kg metal tins
Comp. B = 4 kg metal tins

CONSUMPTION

Primer: 0,3 - 0,4 kg/m²

MIXING RATIO

Comp. A : Comp. B = 17,6 : 4

FEATURES AND BENEFITS

- Adhesion promoter for following layers;
- High mechanical properties;
- Excellent adhesion to traditional building materials.

CERTIFICATIONS

APSEPRIMER NS 125 FR complies with the fire protection requirements of Directive 2014/90/EU and Implementing Regulation (EU) 2024/1975 (Certificate numbers: MED/0497/1807 and MED/0497/1808, notified body no. 0497).
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, loose 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. Before carrying out the treatment, it is always necessary to thoroughly sand the surface, followed by vacuuming the dust produced using an industrial vacuum cleaner in order to ensure adhesion to the substrate.

PRODUCT PREPARATION

APSEPRIMER NS 125 FR 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.

METHOD OF APPLICATION

APSEPRIMER NS 125 FR is applied with a roller, evenly and with a uniform thickness on the suitably prepared substrate.

CURING

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

| | |
|-----------------------------|-------------|
| Workability time (Pot-life) | 30 minutes |
| Pure mixture setting start | 10-15 hours |
| Walkability | 12 hours |
| Overcoating | 18-24 hours |
| Complete hardening | 7 days |

FINISH

APSEPRIMER NS 125 FR must be coated with two coats of VERNILUX POL FR or HYBRID n-COAT FR (refer to the relevant technical data sheets).

CLEANING OF TOOLS

Tools used for preparing and applying APSEPRIMER NS 125 FR 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.


PRODUCT TECHNICAL DATA
PHYSICAL CHARACTERISTICS (at +20°C)

| FEATURE | STANDARD | 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 | STANDARD | 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 | STANDARD | 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 |

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

