



NAI 45H

Water-based bonding primer with biocidal action, for liquid membranes.

Colour

Milky white

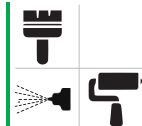
Average consumption

- 140-180 g/m² (depending on the substrate's absorbency)
- on asbestos cement (Eternit), for encapsulation to be carried out with NAILASTIC AP: 150-250 g/m²

Packs

1 L • 5 L • 10 L • 20 L

APPLICATION



DESCRIPTION

NAI 45 H is a water-based primer formulated with special polymers which, when applied as supplied to dry building surfaces, provides the ideal base for subsequent coatings and waterproofing systems, on both floors and walls. Its special formulation allows deep penetration and excellent adhesion, as well as outstanding consolidation properties. Its biocidal action also makes it effective against organisms and micro-organisms (mosses, lichens, etc.) that colonise surfaces, acting directly on their roots.

INTENDED USE

Priming of concrete surfaces, bituminous membranes, stoneware, ceramic, asbestos cement (Eternit) and building substrates in general; prior to the application of resin-based or cementitious waterproofing systems and acrylic paints in general.

BENEFITS

- Ready to use
- Easy to apply using a roller, brush or airless sprayer
- Eco-friendly, water-based product
- Biocidal

APPLICATION INSTRUCTIONS

Substrate quality

The substrate must be properly cured, structurally sound, and free from dirt, efflorescence, excessive moisture, oils, grease, etc.

Remove, using suitable equipment, any traces of loose or detaching material that could impair the product's adhesion.

Substrate preparation

The product is ready to use. Stir manually before application.

Material application

NAI 45 H can be applied by roller, spray, or brush.

Apply the product evenly over the entire surface and allow it to dry, which takes around 3 hours. Apply the subsequent overlay material within 12 hours at the latest (if exceeded, apply a fresh coat).

Waiting times before applying subsequent finishes.

TECHNICAL DATA

PRODUCT DATA	
Type	Single-component
VOC	Dir. 2004/42/EC Bonding primers (BA). EU limit value for this product (cat. A/h): 30 g/L. Nai 45 H contains 30 g/L VOC
Storage	12 months from the production date when stored in the original packaging, in a dry place at a temperature between +5 and +35 °C
APPLICATION DATA	
Specific gravity	1.05 g/cm ³ ± 0.05
Consumption	140–180 g/m² (depending on surface absorbency) - as a primer for asbestos treatment 150/250 g/m²
Application temperature	5–35 °C
Drying (7 °C, 30% RH, 140 g/m ²)	- Smooth, non-absorbent surface: 3–3.5 hours - Rough surface: 45–60 minutes
Application surfaces	Concrete, porcelain stoneware, bitumen membranes, polystyrene, polyurethane panels, timber
ADHESION	
Gloss interior ceramic	1.7 MPa
Unlevelled porcelain stoneware	2 MPa
Unlevelled exterior ceramic	2 MPa
Frost-resistant ceramic	2 MPa
Concrete	> 2 MPa
Bitumen membrane	with cross-hatch test: no detachment
Polystyrene	0.7 MPa
Polyurethane panels	1 MPa

This data sheet is based on our best knowledge of the product. As we cannot control how it is applied and as there are many possible ways it may be used, NAICI accepts no responsibility for the use of the product. Always refer to the latest updated version of the technical data sheet, available at naici.it, or contact ufficiotecnico@naici.it



PACK SIZES

1 L • 5 L • 10 L • 20 L

WARNINGS

Do not apply at temperatures below 5 °C.

Do not apply to wet or frozen surfaces.

Store unopened packs for 12 months in their original packaging, in a dry place at temperatures between +5 and +35 °C.

When using the product, wear protective gloves and safety goggles and take all necessary precautions.

For further and complete information on safe use of the product, please refer to the latest version of the safety data sheet.

In the event of contact with eyes, rinse thoroughly with water and seek medical attention immediately.

SPECIFICATION CLAUSE

Priming of building surfaces with a consolidating bonding primer based on waterborne polymers, with biocidal effect, type NAI 45 H -Naici-, applied by roller, brush or airless spray. For a consumption of approx. 140-180 g/m², prior to installation of the specified coatings.

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