



NAI 70

Two-component epoxy bonding primer, solvent-based.

Average consumption

200-250 g/m²
(depending on the
substrate's
absorbency)

Packs (A+B)

1 L • 5 L • 10 L

APPLICATION



DESCRIPTION

NAI 70 is a two-component, solvent-based epoxy bonding primer for dry substrates. Once cured, it forms an anchoring layer suitable for all epoxy and polyurethane systems. Thanks to its low viscosity, NAI 70 offers excellent penetration, helping to strengthen and consolidate the substrate.

INTENDED USE

NAI 70 is used as a bonding primer on concrete and timber surfaces, and on any substrate affected by surface dusting and poor cohesion.

ADVANTAGES

- Excellent penetration
- Substrate-strengthening action
- Epoxy-based

This data sheet is based on our best knowledge of the product. As we cannot exercise any control over its application and as there are multiple possible uses, NAICI accepts no responsibility for the use of the product. Always refer to the latest updated version of the technical data sheet, available on naici.it, or contact ufficiotecnico@naici.it

APPLICATION INSTRUCTIONS

Substrate preparation

Thoroughly remove any loose material, oil, grease and anything else that could compromise proper adhesion. Depending on the type of coating to be applied, choose the appropriate substrate preparation: acid or alkaline wash, diamond grinding, sanding, shot blasting, scabbling.

For applications over old film coatings (300 microns), removal is recommended to prevent the solvent in the product from acting as a paint stripper; for high-build coatings, thorough sanding is sufficient.

Product preparation

Mix component A and component B separately using a drill with a mixing paddle. Then combine the two components in a clean container and mix thoroughly for around 1–2 minutes using a low-speed paddle mixer. For partial preparation, strictly follow the curing ratio shown on the label on the pack, using electronic scales.

Once the two components have been mixed (A + B), apply the product immediately, before curing begins (approx. 60 minutes at approx. 20 °C, depending on the ambient temperature).

Product application

NAI 70 can be applied using a brush or roller, applying firm pressure and working in crosswise passes to encourage even penetration. If the substrate still feels powdery to the touch, repeat the application within 4–5 hours and no later than 24 hours at 20°C. NAI 70 becomes dust-free a few hours after application and can be overcoated with epoxy, polyurethane or hybrid finishes.

TECHNICAL DATA

PRODUCT DATA	
Type	two-component
Appearance	liquid
Colour	transparent
VOC	Fixative primers (BS). EU limit value for this product (cat. A/h): 750 g/L. NAI 70 contains a maximum of 658 g/L VOC
Storage	12 months in unopened containers, stored in an area protected from frost, humidity and heat sources
APPLICATION DATA	
Tack-free (touch dry) UNI EN ISO 8904	80 ±10 minutes
Density UNI EN ISO 8310 A+B	0.90 ± 0.05 g/cm ³
Application temperature	+5°C to +35°C
Film build (coverage by thickness)	0.5 mm/L/m ²
Average consumption	on concrete 4–5 m ² /L
A:B ratio	50:50
Pot life UNI EN ISO 9514	60±15 minutes

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PACKAGING

Total component A+B (pre-measured) ▪ 1 L ▪ 5 L ▪ 10 L

WARNINGS

NAI 70 is a product based on flammable solvents, so all the usual precautions for solvent-based products must be observed during use. Component B contains substances which, with prolonged use and skin contact, may cause allergic reactions and/or irritation.

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

For further and comprehensive information on the safe use of the product, it is recommended to consult the latest version of the safety data sheet.

It is recommended to wear gloves and suitable respiratory protection during application.

If you need to prepare quantities other than those contained in the full pack, always comply with the catalysis ratio stated on the label affixed to each container, using an electronic scale.

SPECIFICATION CLAUSE

Priming and consolidation of surfaces using a two-component epoxy bonding primer such as NAI 70 – NAI CI, applied by roller or brush. Average coverage is 4–5 m²/L prior to subsequent treatment with epoxy or polyurethane systems.

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