



NAI 60

Solvent-free epoxy primer for absorbent substrates.

Average consumption

200–450 g/m²

(depending on the substrate's absorbency)

Packs (A+B)

1 kg • 5 kg • 10 kg • 20 kg

DESCRIPTION

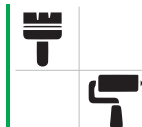
NAI 60 is a solvent-free epoxy consolidating bonding primer, with a vitrifying effect and excellent penetration and anchoring performance. It is used as an adhesion promoter on building substrates, including highly absorbent ones, prior to applying epoxy or polyurethane systems. Suitable for anchoring glass-fibre mesh reinforcement.

INTENDED USE

NAI 60 is used as:

- a primer for absorbent concrete surfaces prior to applying epoxy-resin products from the Nairetan range, to improve adhesion
- a dust-binding impregnating treatment for industrial concrete flooring
- as a skim coat, with or without added quartz sand, including broadcast application
- anchoring of FV 70 glass-fibre mesh (for example, before applying NAIRETAN BASE)

APPLICATION



REINFORCEMENTS



ADVANTAGES

- Solvent-free
- Excellent penetration and anchoring power
- Epoxy-based
- Vitrifying effect

METHOD OF USE

Substrate preparation

The surface to be treated must be dry, clean and free from dust, loose material, waxes, paints, cement laitance, etc. NAI 60 must be applied to properly prepared surfaces (sanding, shot blasting, scarifying, etc., depending on the substrate and the type of coating to be applied)

Product preparation

Pour Component B into Component A and mix thoroughly using a drill fitted with a suitable paddle until a uniform mix is obtained.

Catalyst ratio ● Part A: 66% ● Part B: 34%

Product application

▪ As a primer for NAIRETAN range products

Impregnate the substrate surface by applying with a roller, brush or steel trowel, in several successive coats if required.

Coverage: 200–300 g/m²

▪ As a bonding agent

Adhesive for the glass fibre mesh used as reinforcement for subsequent coatings in the Nairetan – Nairetan Base range.

Coverage: 350–450 g/m² (varies depending on substrate absorption and mesh thickness)

▪ As a skim coat

Once the two components have been mixed, add quartz sand (01-03/01-06) according to the condition of the substrate. If necessary, quartz sand can be broadcast while the product is still wet.

Nairetan range products can be overcoated after around 6–8 hours (at 25 °C), within 24 hours. After 24 hours, the NAI 60 must be roughened.

TECHNICAL DATA

PRODUCT DATA	
Type	Two-component
Colour	Transparent
Appearance	Liquid
Density	1.1 g/cm ³
Brookfield viscosity #1–rpm 10 (mPa·s)	300
Shelf life	12 months from the production date, when stored in the original packaging in a dry place at a temperature between +5 and +35 °C

This data sheet is based on our best knowledge of the product. As we have no control over how it is applied and there are many possible conditions of use, NAICI accepts no liability for the use of this product. Always refer to the latest updated version of the technical data sheet, available at naici.it, or contact ufficiotecnico@naici.it



APPLICATION DATA	
Catalyst mix ratio (A:B)	66:34
Operating temperature range	+ 10°C / + 30° C
Working time	- at 10 °C: 110 minutes - at 23 °C: 80 minutes - at 30 °C: 50 minutes.
Setting time	- at 10 °C: 5 hours - at 23 °C: 3–4 hours - at 30 °C: 2–3 hours
Adhesion to concrete (N/mm ²)	> 3 (substrate failure)
Average final consumption	from 200 g to 400 g depending on use
Tool cleaning	with SOLVETAN CLEANER or ACETONE (before catalysis)

PACKAGING

Total component A+B (pre-measured) • 1 kg • 5 kg • 10 kg • 20 kg

WARNINGS

Do not dilute NAI 60 with water or solvents.

Do not use on wet surfaces or where rising damp exceeds 4%, measured with a suitable carbide moisture tester.

Direct applications of products from the NAIRETAN range must be carried out within 24 hours.

Mix the product according to the catalysis ratio shown in the “technical data” table. If using only part of the product, weigh the required amount using scales, keeping the same catalysis ratio.

On very absorbent surfaces, a second coat may be required after 6–12 hours, in any case within 24 hours.

The product is temperature-sensitive; when temperatures exceed 18/20° C, prepare it in small batches suited to the application team.

Keep the product in a warm environment in winter and a cool environment in summer.

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

For further, complete information on safe use of the product, consult the latest version of the safety data sheet.

SPECIFICATION CLAUSE

Priming of highly absorbent building surfaces using NAI 60 – Naici – consolidating, vitrifying primer, also used for bonding the fibreglass reinforcing mesh prior to installing epoxy and polyurethane systems such as NAIRETAN and NAIRETAN BASE – Naici –. For a consumption varying from 200 to 450 g/m².

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