ECO PRIMER

Deep-penetrating primer for mineral substrates

Solvent-free	pH 8–9	~2 hrs	1–2
BASIS	AQUEOUS DISPERSION	DRYING TIME AT 20°C/50% RH	LAYERS, DEPENDING ON SUBSTRATE

PROPERTIES AND BENEFITS

- Environmentally friendly
- Water vapour permeable
- Reduces the capillary absorbency of the substrate
- Dust-binding
- Very low emission EMICODE EC1 PLUS
- Increases the strength of porous substrates
- Improves adhesion on the substrate
- Prevents bubble formation in subsequent coatings

DESCRIPTION

Eco Primer is an innovative solvent-free deep-penetrating primer that reduces the absorbency of mineral substrates.

COLOUR

Milky white.

RANGE OF USAGE

For indoor and outdoor use, for subsequent processing of industrial floor coatings EcoSilicate product line), self-levelling compounds (Eco Mortar, Eco Screed), mineral adhesives and fillers. As an impervious layer for subsequent thin-film coverings on absorbent and mineral substrates, temporary brake-drying on fresh concrete, temporary impregnation, and as a wallpaper underground.

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Technical information and application

COMPOSITION

Basis	Aqueous dispersion
pH value	8–9
Organic solvents	None
Density	1 kg/L

CONSUMPTION

Concrete / screed	0.15–0.20 kg/m²
Self-levelling compounds	0.10–0.15 kg/m²

Drying time approx. 2 hours at 20°C/50% RH — higher temperatures shorten, lower temperatures extend this time.

PACKAGING AND STORAGE

Packaging	5 or 30 L canisters
Storage	6 months

Store in original packaging, in a dry and controlled temperate environment (not below 0°C). Reseal opened containers immediately and use within a short time.

PREPARATION OF SUBSTRATE

Prior to application, ensure the underground is dry, dust-free, clean, and free from substances that could cause separation before coating. Mechanical surface preparation (e.g. blasting) is advisable depending on the intended system. The concrete surface must be dry before priming, applied at least 2 hours before the subsequent coating. Following levelling work with Eco Mortar, the mortar must cure at least 24 hours before priming; the waiting time for subsequent coatings is approx. 2 hours, and coating work on the primer with Eco Mortar or Eco Rapid products must be finished within 6 hours.

APPLICATION

Apply Eco Primer twice with roller or brush. On highly porous undergrounds, dilute the first application up to 1:1 with clean water; apply the second undiluted, avoiding puddles. For large floor areas, the flooding procedure is recommended: pour Eco Primer out in strips, distribute with a rubber squeegee, then roll with a short-fibre paint roller to absorb and distribute excess material, avoiding puddles. Use a suitable brush to remove excess material from holes or ruptures — depending on gap depth, fill cavities with Eco Repair first for an even surface. For wall applications, use a long-fibre paint roller; surfaces filled with Eco Repair must be primed twice to adjust surface absorbency.

TOOLS AND CLEANING

Brush, wide brush, paint roller or spraying device. All equipment should be washed clean and dried before and after application.

SAFETY, ECOLOGY AND ELIMINATION

Refer to the Material Safety Data Sheet (MSDS), available on request, for further information on safety during transportation, storage, handling and disposal. Follow instructions on the packaging.

DECLARATION OF PERFORMANCE

EPD verified

This product is covered by Environmental Product Declaration MD-26095-EN, verified by EPD Danmark in accordance with ISO 14025 and EN 15804+A2. Issued 10-09-2026, valid to 10-09-2031.

AVAILABLE ON REQUEST

Material Safety Data Sheet (MSDS).

The content of this technical data sheet corresponds to the latest development and our applications experience. All information is based on ideal conditions and therefore does not apply for every application purpose. Due to different materials, substrates and different actual site conditions no warranty is given for the customer's application. In particular, we assume no liability based on this information or any verbal statements. The only exception is when we can be blamed for intent or gross negligence. In that case the customer has to prove that he has transmitted all required information completely and in a timely manner for a proper evaluation by NBS Distribution. Any further details regarding the application of our products have to be confirmed in writing by NBS Distribution. The customer must test the product's suitability for the intended application and purpose. We reserve the right to change the product specifications due to ongoing development. Apart from that our general terms and conditions are valid. This data sheet supersedes all earlier technical data on this product. The technical data sheet can be requested on nbsdistribution.eu.