ECO TOPCOAT MONO

Silicate sealant for mineral surfaces

EC2	100–150 g/m²	4 hrs	1–2
EMICODE EMISSION CLASS	CONSUMPTION	POLISHABLE AFTER	APPLICATIONS NEEDED

PROPERTIES AND BENEFITS

- Environmentally friendly
- Low emission EMICODE EC2
- Closes pores of the substrate
- Reduces abrasion
- Water vapour permeable
- Prevents penetration of liquids and dirt
- Increases the strength of porous substrates

DESCRIPTION

Eco Topcoat Mono is a versatile silicate sealant for mineral surfaces.

COLOUR

Milky white.

RANGE OF USAGE

Ideal for indoor use, and for sealing and protection of previously created floor areas with EcoSilicate flooring products. Provides protection against household liquids.

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Technical information and application

COMPOSITION

Basis	Silicate-polymer hybrid
pH value	11.4
Organic solvents	None
Density	1.1 g/cm³

APPLICATION CONDITIONS

Consumption	approx. 100–150 g/m²
Processing temperature	min. +5 °C, max. +35 °C
Max. permitted humidity	95% rel. H.
Necessary applications	1–2

Consumption depends on underground conditions and absorbency.

PACKAGING AND STORAGE

Packaging	5 or 30 L canisters
Storage	6 months

Store in dry and controlled temperate areas (not below 0°C, recommended 10–25°C). Reseal opened containers immediately and use within a short time.

PREPARATION OF SUBSTRATE

Ensure the underground is dry, dust-free, clean, and free from substances that could cause separation before coating. Remove chalking and strongly sandy components with an efficient industrial vacuum cleaner, and remove existing render and/or coatings.

MIXING AND APPLICATION

Apply striation-free with a microfibre mop or paint roller, removing all loose fibres from new tools first by rinsing in clear water. For polished floors, use a microfibre mop, keeping it from running dry for uniform application. The sealed surface can be polished after 4 hours with a single-disc machine without additional weight, using a white pad.

Within the first 7 days, remove long-term water load immediately; thereafter the surface resists permanent water load, beverages, oil and fats. Mechanical abrasion scratches can be repaired with a new sealer layer.

TOOLS AND CLEANING

Short-fibre paint roller, microfibre mop, spraying device. All equipment should be washed clean and dried before and after application.

MAINTENANCE AND CARE

Because absorbency varies by substrate, a test application on a sample area is recommended. Impurities must be washed off immediately with water, and tools cleaned between applications; once the pot life is exceeded, dispose of any unused material. Remove sand or coarse particles during normal cleaning, as they act as grinding materials. Avoid long-lasting exposure to harmful liquids to prevent staining. Heavy mechanical stress can damage the coating — post-treat with a new layer after basic cleaning with a slightly alkaline floor cleaner.

For larger areas or heavy staining, mechanical cleaning with a single-disc grinder (white or beige pad) is recommended, followed by rinsing until all cleaner residue is removed. The surface should be dry before recoating; a spraying application followed by uniform distribution with a microfibre mop is recommended for rework, with a second layer applied if needed depending on staining.

SAFETY, ECOLOGY AND ELIMINATION

Eco Topcoat Mono is harmless after hardening. 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.

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.