

What is it?

Nano EcoLine Façade is a ready-to-use impregnation for mineral façades, walls and terraces in outdoor areas. Open pores and absorbent substrates are ideal because the coating can penetrate deeply through capillary action, providing optimal performance.

Applications

- All façades with mineral paint or plaster.
- Walls or terraces made of concrete, dolomite, limestone, brick/clinker, granite, marble, porphyry, sandstone, travertine, roof tiles and paving slabs.
- Roofs made of corrugated bitumen sheets.
- Fibre cement panels and (porphyry) slabs.

Key properties

- Very fast drying and quick onset of protective function.
- Strong water-beading effect; reduces water and dirt adhesion.
- Hardens the surface structure; helps reduce weathering, soiling and discolouration.
- Maintains colourfastness (slight colour deepening may occur).
- Protects against acids and alkalis (pH 2-12).
- Photocatalytically active: helps break down air pollution (NOx, ozone, SO₂, VOCs) and inhibits growth of algae, moss and lichen.
- Helps prevent unpleasant odours; urine penetrates less easily into mineral substrates.
- PFOS- and PFOA-free (product information).

Consumption, storage and curing

- Consumption: 1 litre covers approx. 30-40 m² (spray application).
- Dwell time: at least 15 minutes; full curing approx. 6-12 hours (keep surface dry).
- Optimal processing temperature: 15-25 °C.
- Storage: store dry and frost-free at 5-25 °C.
- Shelf life: at least 24 months (unopened, original packaging, stored correctly).

Preparation

Surfaces must be clean and dry and must not have been treated with other coatings. Remove contamination such as algae, sand, paint, grease and oil. Mask off glass, plastics and metals if they must not be treated.

Application (HVLP - recommended)

- Ready to use. Shake vigorously for 1 minute.
- Apply undiluted with a professional paint spraying system (HVLP) and adjust spray distance to the system.
- Spray once horizontally and once vertically for optimal coverage. Repeat if necessary depending on absorbency and desired protection.
- The surface should appear damp/wet. A white appearance immediately after application is normal and disappears when dry.
- Always test first on a small, inconspicuous area (on dark stones a slight white tone may remain visible).
- Excess product in one spot: remove immediately with a damp cloth while still wet.

Application (alternative)

- Small areas: brush or roller application is possible.
- Low-pressure sprayer/brush/roller: dilute 1:1 with water to prevent clogging or overloading; apply 2-3 coats shortly after each other.
- Clean tools after use with warm water.

Technical data

Property	Value / description
Colour	Milky white
Form	Suspension (aqueous)
Density	approx. 1.0 g/cm ³
Odour	Faint
pH	6.6–6.9
Protection	Impregnation for mineral, open-pore materials (outdoor)

Physico-chemical properties

Property	Value
Colour (SDS)	milky white
Appearance (SDS)	Suspension
Odour (SDS)	weak
pH (SDS)	6.6 - 6.9
Density (SDS)	≈ 1 g/cm ³
Solubility (SDS)	Miscible

Packaging units

Content	Article number	Packaging type
1.0 L	FE-HCS-190/1L	Bottle
5.0 L	FE-HCS-190/5L	Jerrycan
10 L	FE-HCS-190/10L	Jerrycan

Safety instructions

- Read the Safety Data Sheet (SDS) before use.
- According to the SDS, the product is not classified as hazardous. Always follow good industrial hygiene practices.
- EUH208: contains preservatives/biocides that may produce an allergic reaction (refer to SDS).
- Avoid inhalation of spray mist during application; ensure adequate ventilation.

PPE and workplace

- Wear suitable gloves, protective clothing and safety glasses (especially during spray application).
- If ventilation is insufficient: wear suitable respiratory protection.
- Avoid release to the environment; absorb spills with suitable absorbent material.

Disposal

- Dispose of residues and packaging in accordance with local regulations and via an authorised waste handler.
- Waste code (SDS): 20 01 29* - detergents containing dangerous substances.

Transport information

- Transport: not classified / not applicable according to SDS (ADR/IMDG/IATA).

Disclaimer

The technical information in this document is based on product information, tests and practical experience. Because application, substrate and conditions are beyond NanoEnzo's control, the user must always assess suitability and carry out a test area. NanoEnzo accepts liability only for the quality of the delivered product at the time of delivery.