

Product description

Nature is a matte, water-based, and durable ceramic membrane for non-dimensionally stable wooden substrates, based on dispersion acrylic.

Nature has a low solvent content, is safe for humans and the environment, and carries the GreenGuard Gold certification.

Applicability

Nature is suitable for all non-dimensionally stable wooden exterior parts, whether previously painted or not. Its special composition ensures proper moisture regulation of the wood and reflects solar heat. It is particularly suitable for objects prone to algae growth. Furthermore, when combined with NaturePrimer, Nature has a very long lifespan, with virtually no cracking.

Environment

Nature is EPD-tested according to EN15804+A2 (+ indicators A1), verified, and registered with the MRPI® under number 1.1.00870.2025.

Nature is safe for humans and the environment and has been awarded the GreenGuard Gold certificate.



Specific features

- Water-repellent
- Sunlight-reflecting
- High UV resistance (low risk of powdering)
- Highly resistant to aggressive environmental influences, such as smog
- Elastic (bridging the material)
- Highly colorfast, matte
- Virtually emission-free (suitable for allergy sufferers)

Color

Please note that most color charts are presented in a semi-gloss finish. Natural is matte, and the color may appear distorted compared to a semi-gloss or high-gloss finish due to light.

To achieve a deeper color and/or a higher gloss level, a post-treatment with ClimateCoating GlossPlus is an option.

Packaging

Buckets of 2.5 and 5 liters. Other packaging available upon request.

Basic data

<i>Specific gravity</i>	1,05 kg/l
<i>Solid content</i>	app. 56%
<i>Shelf life</i>	in closed original packaging at a temperature

between 5°C and 30°C: at least 12 months from production date.

Drying times at 20 degrees and 60% relative humidity

Overcoat

after app. 4 hours

Remarks

Nature regulates itself and all properties are fully developed after approximately 36 days.

Adhesion tests

Perform adhesion tests only after approximately 1 month.

Coverage

Recommended wet layer thickness

approx. 250 µm / dry approx. 180 µm

heoretical coverage

depends on the nature and structure of the substrate and the application method: approx. 8 m²/l per rolled coat, if necessary, determine by applying a test area. Two rolled coats should be applied to achieve the required layer thickness. Alternative is to spray in one layer.

Material data

- VOC content: <13g/l
- Viscosity (KU unit): 120
- pH value: 8
- Vapor diffusion resistance (µd, DIN 52615):
 - o 0.7m (wet) (RH 50-93%)
 - o 1.3m (dry) (RH 0-50%)
- Flammability rating (EN 13501-1):
 - o C (difficult to ignite on mineral substrates), S1; D0
- DIN-EN 13300:
 - o gloss level: matt
 - o grain size: fine
 - o moisture wicking: class 3
 - o contrast in relation to covering power: class 2
 - o scrub resistance: class 2
- Fineness (DIN 1524): <40 µm

Substrate conditions

The substrate must be clean, dry, and free of grease.

The surface to be treated must be (wind) dry.

The weather should remain dry for several days after application.

Pretreatment

Any algae and moss present can be sprayed off with a hot pressure washer or treated with ClimateCoating FixCfC or Coateq Reinzym. The wood should be pretreated as follows:

New bare wood

sand in the direction of the grain, remove the dust, sand down any sharp edges, and treat with NaturePrimer.

Old bare wood

sand or weathered wood until good wood is visible, remove the dust, sand down any sharp edges, and treat with NaturePrimer.

Old painted wood

Matte the old paint layer on painted wood (i.e., lightly sand it) until loose particles are removed, remove dust, sand down sharp edges, and treat with NaturePrimer.

Escaping resin

Remove any, sand and clean in places, and treat with NaturePrimer.

In general

Repair general cracks with standard materials.

Application Conditions

- Substrate and ambient temperature above 5°C
- Relative humidity maximum 85%
- The substrate temperature must be at least 3°C above the dew point

Processing data

Recommended brush: flat or round brush

Recommended paint

roller:

high-quality fleece roller, such as:

- STORCH FineSTAR 15 (core Ø 60 mm, pole 15 mm)
- ANZA Micmex (core Ø 48 mm, pole 18 mm)
- CaluPaint Polyamide (core Ø 55 mm, pole 14 mm)

Airless-spray:

ThermoProtect's low specific gravity makes it easy to spray. For example, with equipment from Wagner (HEA, High Efficiency Airless) or Graco (FFLP, Fine Finish Low Pressure). If you have any questions, please contact us.

- Nozzle/tip 0,017-0,021"
- Static pressure 110-150 bar, workload 90-120 bar;
- The sieve from the hand gun should be slightly coarser than usual for wall paints, i.e., 50 mesh/300 micron, or
- remove it if necessary;
- hose diameter (internal) 6 mm

Dilution:

0 – 5 % water

Cleaning:

rinse thoroughly with water

Curing

Nature dries relatively quickly, but the final curing process takes a few days under the influence of UV light (daylight). Avoid precipitation or water.

It is advisable to leave the finish undisturbed during this time, so do not overload it.

Disposal

Do not dispose of product residue in the environment. Only recycle empty buckets. Dispose of product residue at the appropriate waste disposal sites. Waste code No. 080120 according to EU markings.

Safety Instructions

Despite all the care taken in compiling this information sheet, we are not liable for any errors; therefore, no rights can be derived from this product sheet.

For more information, visit our website www.climatecoating-caribbean.com or call or email us.