

TECHNICAL DATA SHEET **Nature**

Product Description

Nature is a ready-to-use topcoat for wooden components in outdoor areas, based on reflective membrane technology.

Ingredients

Polyacrylate - dispersion, titanium dioxide, zinc oxide, kaolin, calcium carbonate, silicates, water, propylene glycol, cellulose, preservatives

Product Group / GIS Code

BSW20

Nature is a topcoat for all wooden components with limited dimensional stability, such as tongue and groove boards, trusses, shutters, gates and non-dimensionally stable wooden components such as balcony balustrades, shingles, pergolas and fences. Due to the moisture-adaptive behavior of the membrane, the block strength varies depending on the moisture content of the coating. This avoids the coating of butt and pinch joints. Nature ensures the restoration and preservation of the natural moisture content in the wood.

Scope of application

Variably permeable to diffusion, free of outgassing and solvents, reflective, high colour fastness, elastic, thermally reassuring, damp-absorbing on substrates suitable for sorption/diffusion.

Product-specific properties

Variably permeable to diffusion, free of outgassing and solvents, reflective, high colour fastness, elastic, thermally reassuring, damp-absorbing on substrates suitable for sorption/diffusion.

Material characteristics

sd values according to DIN 52616

Drying range: sd = 1.7

Wet area: sd = 0.7

Density: 1.05 kg/dm³ according to ISO 2811-1

VOC Regulation (EC)

Limit value from 01.01.2010 for wood, metal or plastics for buildings, their components and decorative building elements (interior and exterior) = 130 g/l.

This product contains < 13 g/l of VOC.

Processing instructions

Nature can be applied to all load-bearing, clean, dry and primed wood species. The moisture content of limited and non-dimensionally stable wooden components must not exceed 18%. The principles of "constructive wood preservation" must be observed. These are a prerequisite for long-term wood protection. In order to ensure moisture-regulating properties, a diffusion-open substrate condition must be ensured.

Substrate preparation

Plastics:

New wood:

sanding and cleaning wood in the direction of the grain, breaking sharp edges; Primer coat with ClimateCoating® NaturePrimer

Wood, old, untreated:

sanding and cleaning weathered wood surfaces down to load-bearing wood, breaking sharp edges; Primer coat with ClimateCoating® NaturePrimer

Metals:

Wood-based materials, new:

Primer coat with ClimateCoating® Nature-Primer

Non-load-bearing old coatings:

Remove down to load-bearing wood Base coating with ClimateCoating® NaturePrimer

Substrates that interfere with adhesion:

Escaping wood constituents such as resins or resin galls must be removed

Absorbent mineral substrates:

Processing

Processing can be carried out by spreading, rolling or spraying. For an initial coat, two coats of paint are necessary. Nature is set ready for processing. If sprayers are used, the guidelines of the equipment manufacturer must be observed. When using spray rods, the processing consistency can be adjusted with little water. During processing, care must be taken to ensure that the air and object temperature is not below 5°C. This also applies to the entire drying period. Before use and after longer work interruptions, the material must be stirred briefly with a motor whisk.

The drying time between each coating cycle is 12 hours.

Consumption

The consumption of Nature is approx. 330 ml/m² for a double coat of paint on glaze, non-absorbent surfaces.

The consumption quantities depend on the structure and absorbency of the substrate and, if necessary, can be determined by a test coat.

Cleaning the tools

Rinse rollers, brushes and sprayers thoroughly with water immediately after use.

Shades

Nature can be tinted in the NCS, RAL and ClimateCoating® Edition 1 colour systems.

Before processing, the colour must be checked.

Storage and transport

Nature store and transport in a cool, but frost-free place. Close the opening containers well and process them as soon as possible. Can be stored from the date of manufacture: 12 months.

Delivery form

1,0; 2,5; 5; 19 litres

Other container sizes on request.

Disposal

Do not allow product residues to get into the sewer system, water or soil.

Only empty containers should be recycled. Drop off product residues at the responsible collection points.

Waste code no. 080120 according to the EU Waste Register.

Safety instructions

The content of the technical data sheet does not constitute a contractual legal relationship.

In any case, the processor / buyer must check the usability of the material under practical conditions before application.

Do not allow to get into sewers, water or soil. Keep away from food, drinks and feed. Protect from access by children. Areas that are not to be treated must be protected by suitable measures. Protect eyes and skin from splashes. Do not inhale the resulting spray mist when using the spray process.

With the publication of a new technical data sheet, due to the improvement of the product, the above information loses its validity.

The information provided was determined by SICCC Coatings GmbH in the laboratory and practice as a guideline. The product information is provided to the best of our knowledge and corresponds to the current state of the art. Environmental influences, materials, application equipment and application techniques are beyond our influence and therefore beyond our responsibility. SICCC © 2024