

## Technical Bulletin: **NaturePrimer**

### Product description

*NaturePrimer* is a primer ready for use on external wooden building elements. It is based on the Reflective Membrane Technology.

### Ingredients

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

### Product group / GIS code

BSW20

The information in the current safety data sheet apply.

### Scope of application

*NaturePrimer* is a primer suitable for use on all limited dimensionally stable wooden construction elements such as groove and tongue panelling, frameworks, window shutters, gates, and non-dimensionally stable wooden construction elements such as balustrades, shingles, pergolas and fences.

Due to the moisture adaptive properties of the membrane, the blocking resistance varies according to the moisture content of the coating. Therefore, avoid coating of butt joints and nip joints.

### Product specific properties

Variable diffusion, high resistance to aggressive environmental influences such as smog und ozone, low emissions, free of solvents, high UV- and weather resistant, reflective, capable of expansion, thermally comforting.

#### Material data:

- sd-values according to DIN 52615
- dry area: sd = 1,3
- wet area: sd = 0,7
- density 1,02 kg/dm<sup>3</sup> according to ISO 2811-1

### VOC Regulation (EC)

Limit value from 01.01.2010 for clear coats and glazes (Prod.-Cat. e) for buildings, its components and other decorative building elements (inside and outside) including so-called covering glazes = 130 g/l.

This product contains < 14 g/l VOC.

### Processing note

*NaturePrimer* can be applied to all clean, dry and stable types of wood. The moisture content of the wood must not exceed 18%. Mind the principle that structural wood preservation is a fundamental condition for a long-lasting coating. To guarantee humidity regulating characteristics a permeable surface is recommended.

### Substrate preparation

#### Wood, new:

grind wood in fibre direction, clean, break off sharp edges,

#### Wood, old, untreated:

grind weathered wooden surfaces until workable wood is accessible, clean, break off sharp edges

#### Non-workable previous coating:

remove until workable wood is accessible

#### Adhesion-interfering surfaces:

remove emitting wood components such as resin or resin pockets.

### Application

The product can be applied by brush, roller and airless spraying. *NaturePrimer* is supplied ready for use. For use of airless spraying follow equipment manufacturers guidelines. When using airless spraying, application consistency can be set by use of small amount of water. During application, it is important to maintain the air and object temperature of +5°C. This applies equally to the drying period. Stir with a stirring gear before application or after long interruptions of work. Allow a drying period of 12 hours between two individual coats.

### Consumption

The spreading capacity of *NaturePrimer* is approximately 150 ml/m<sup>2</sup> on smooth surfaces of low porosity for one coating. The spreading capacity will vary according to the structure and porosity of the surface. If in doubt, a small test area should be applied first.

### Cleaning of tools

Rolls, brushes and spray equipment are to be washed out with water thoroughly immediately after usage.

### Colours

semi-transparent

### Storage and transport

*NaturePrimer* should be stored and transported cool, but frost protected. Once opened, close containers firmly and apply as soon as possible. Storable from date of manufacture: 12 months.

### Delivery form

0,750; 2,5; 5; 19 litres

Other cask sizes available on request.

### Disposal

Do not empty into canalization, watercourses or the ground. Only completely emptied containers should be disposed for recycling. Please turn part-used products to the collection point in charge.

Non-hazardous waste code according to EU-list of wastes: 080120

### Security notice

The content of the technical bulletin manifests no contractual legal relation. In any case, the applicant / customer must consider the material's utilizable under practical conditions before application.

Do not allow to enter drains, water courses or soil. Keep away from food, drinks and feeding stuff. Keep out of the reach of children. Protect surfaces not to be treated by taking appropriate measure. Avoid contact with skin and eyes. Where applying with spraying method, avoid the inhalation of emerging dust. Before-mentioned information becomes invalid at release of a new technical bulletin by SICCCoatings GmbH in laboratory and practice as guideline values. The product information is given to the best of our knowledge and according to the current state of technology. Environmental influences, materials, application equipment and application methods are beyond our control and therefore out of our responsibility. SICCCoatings2020