



| | | |
|-----------|---------|--------|
| Packaging | 0,75 Lt | 2,5 Lt |
| Bases | C | C |
| Matt | | Gloss |

Description

Water based, acrylic, semi-transparent primer and finish, ideal for painting wooden surfaces. Its key characteristic is that it allows the woods natural grain to show through after painting. It is virtually odorless, with excellent resistance to wear, harsh weather conditions and UV radiation. It has very good adhesion properties, while it allows wood to breath.

Product characteristics

- Acrylic, semitransparent, imegnating paint for wooden surfaces.
- Easy to apply.
- Very good adhesion.
- High coverage.
- Excellent resistance to wear, harsh weather conditions and UV radiation.
- Free of ammonia, lead, mercury and other heavy metals.
- Low concentration of Volatile Organic Compounds.
- Harmonized with directive 2004/42/EK.

Application instructions

The product is ready to use and needs no thinning. In case thinning is desirable, the product can be thinned with water at a percentage up to 6% by volume. To protect the wood from mould, fungi and insects the use of a wood stain as substrate is needed.

Surface preparation

Surfaces to be painted must be dry and clean from any dirt, grease, salts or loose and flaking paints or mould. Then sand with sandpaper to facilitate the product's impregnation.

The product must be applied by brush or roller. Apply at temperatures above 10°C and relative humidity up to 80%.

New surfaces

In case of new surfaces first remove any dust, wood pieces ect by sanding with sandpaper. Then apply the product at two coatings, on new unpainted wood, following the wood's grains.

Old surfaces

It is not recommended to use the product in already painted surfaces, because the wood's grains won't be visible, unless the surface is already painted with Nature Pergola.

After use, remove any remaining paint from the tools and clean them with water and soap. Eluants must be handled according to the current legislation and the local regulations.

Technical specifications

Binder: Copolymer Dispersion of acrylic esters.

Pigments: Titanium Dioxide (for white).

Fillers: Calcium carbonate, magnesium and aluminium silicates.

V.O.C.: 100gr/lit (max content in Volatile Organic Compounds of thinned-ready to use product).

Solids: 52% ± 1.

Specific Gravity: 1,20-130gr/cm³ (ISO 2811), depending on the shade.

Viscosity: 75-80 K.U., 25°C (ASTM D562).

pH: 8.5 ± 0,2.

Performance: 10-12m²/lit, depending on the absorption of the surface.

Solvent: Water.

Thinning: With water at a percentage up to 6% by volume.

Application: By brush or roller.

Drying time: Touch dry after 1/2 to 1 hours. Through dry 2-3 hours (the drying time might be elongated depending on the temperature and the humidity conditions).

Recoating: Time between applications 4-6 hours (recoating time might be elongated depending on the temperature and the humidity conditions).

Shades

Available in white and Base C, for the achievement of many shades using Berling's tinting system.

Labelling - Environmental effect prevention

The product is not classified as hazardous and no special warning signs are required. Empty cans should be destroyed in accordance with valid regulation. Liquid waste should be destroyed according to local regulations. For more information ask for the Material Safety Data Sheet.

Recommended personal protective equipment

Use of the product doesn't require special protective equipment. Make sure there is sufficient ventilation and wear protective gloves and glasses.

Storage

Keep cans air-tight sealed and protect from frost. For long-term storage the product is best kept indoors in order to avoid its exposure to very low or very high temperatures as well as high humidity conditions.

Transportation

Not dangerous while transportation according to the ADR regulation.

ACCORDING TO DIRECTIVE 2004/42/EC

Phase II, Subcategory e, interior/exterior trim varnishes and woodstains,
value limit VOC = 130gr/lit, max VOC value limit = 100gr/lit (ready to use product).

All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001 and ISO 14001 Standards and EMAS Regulation.

As producers we don't take any responsibility for any damage that may be caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

BERLING SA Paint Industry

Inofita Viotias, P.C. 32011,
tel.: +30 22620 31663, fax.: +30 22620 31293
www.berling.gr / info@berling.gr

