

Holzimprägnierung Teakdeckschutz

NANO

Holzimprägnierung:

Nanoprotect-Holzimprägnierung protects woods against water saturation, swelling and rotting. The “breathing” and almost imperceptible and invisible coating allows water and oils to simply “pearl-off”. Soiling will get significantly less into the wood fibres and will not leave lasting stains. Even under constant water load the wood surface only takes up the humidity (no wetness, no soaking deep into the wood). The drying time is reduced rigorously. For indoor and outdoor use. Applicable for all untreated, absorbent and pressure treated woods. The lifetime of the nano-treated product is extended and the cleaning of the products is made much easier.

Holzimprägnierung AB:

Based upon the Nanoprotect-Holzimprägnierung, we are able to offer you Nanoprotect-Holzimprägnierung AB which is an extended function version. In addition to the water and oil resistant properties, this product has anti-fungus and anti-rotting property by virtue of an additive. A protective coating against the formation of mosses and algae is formed on the treated surface. Furthermore the formation of fungi (in the form of flecking/marking) on the surface is prevented.

Properties:

- Waterbased, ideal for indoor use
- No oil, no paint – no visible change to the treated material
- Water and oil – even red wine- is resisted and they cannot be absorbed into the wood
- Reduction of soiling/dirtying of the product with cleaning also made much easier
- Non-toxic and accords with the german regulations DIN EN 71 parts 3 and 9 “safety for toys”
- Resistant to seawater and to a salty atmosphere, resistant also to acid rain
- Free of silicones, waxes and oils
- Retains “working-properties” for up to 3 years without any rubbing-off
- High coating efficiency due to the very thin required coating application



Technical Data:

Co-hydrolysed silane water, ketone and alcohol.

Application:

Shake the product well. Use undiluted. The surface to be coated must be dry (wood moisture max. 18%) clean and free of fat/oil. Use a roller or brush to apply very thinly, but covering the entire surface. On absorbent surfaces a second coating is recommended “wet-on-wet”. The more the product enters the wood, the more the preservation lifetime is extended. Superfluous coating product can be removed by wiping with a damp cloth in order to prevent any stickiness. Please avoid to give used material back to the original package. Any materials close to, or adjacent to the surface to be treated do not need to be masked (i.e. glass or rubber seals). When applied to light coloured woods the result is a slightly honey-colour. When used Nanoprotect-Holzimprägnierung AB there will be a slight darkening of the surface. It is possible that some flecking/marking will appear if there are any traces of oil in the treated wood. Previously treated surfaces may be affected in different ways from the weather, and therefore may have various degrees of porosity. As a result there may be a minimal amount of “shadowing”. It is highly recommended to make a “trial-surface” on the surface type to be treated. The drying time is approx. 2 hours. To maintain the “pearling-off” effect a new coating should be applied yearly. The impregnation is active even if the “pearling-off” effect on the surface is reduced. After weather exposure all products may be overcoated with solvent-based paints. Please see that the effect of impregnation is very much depending on the kind of wood to be treated. Some special tropical type of woods (e.g. Masseranduba) are not able to bond with the impregnation. Details in the application vary depending upon the surface which is to be coated. We are happy to advise you fully in these cases.

Consumption:

Depending entirely upon the surface to be treated, and the method used, about 10 - 15m² can be treated with one litre of this product.

Care:

After complete drying the surface can be cleaned with a mild tenside or Nanoprotect-Universalreiniger (Mix 1:30 with water). While cleaning make sure that no heavy abrasive effect will be treated on the surface. If possible clean the surface with a soft brush or a soft sponge.

Product Definition / Transport Definition (german regulations):

Not classified as dangerous goods. Conformity with German regulations and Laws RID, ADR, ADNR, IMDG, IATA-DGR.

Availability:

1 litre bottle, 10 litre canister. Other packing forms/sizes are possible after prior consultation with us and according to the transport possibilities/regulations.

Storage:

The product may be stored for at least 12 months in its original packing. Protect from sunlight and temperatures above 40 degrees C. Not affected by frost.

Disposal (german regulations):

Empty packing may be disposed of in the domestic waste. Remaining product must be disposed of according to the local laws and regulations or it must be taken to the community collection point for such materials.

Safety/Protection Measures:

When using this product please take note of the instructions on the bottle/canister. We wish to make it clear that the use of chemical preparations should only take place when the safety measures are observed and are always out of the reach of children. The technical information given here is according to the latest technical knowledge and composed from our own experience. In view of the many uses possible with this product it is therefore the responsibility of the user to act according to the given situation in respect of safety - that is to say the user acts upon their own responsibility in any given situation when using this product. That the use of this product takes place out of our jurisdiction, we have set out safety and protection measures, but we cannot be held responsible in any circumstances. For any misuse of the product we cannot be held responsible. In the event of a new version of this information becoming available – this information here set out is no longer valid.

Date: 04.04.2017

