



Impregnant Active

WOOD PEST CONTROL AGENT

PRODUCT IDENTIFICATION

Impregnant Active

DESCRIPTION

Impregnant Active is a water based advanced agent for the preventive protection of wood against insects fungi and blue stain.

It is used as a primer or base coat and impregnation agent for all types of wood that are threatened by biological pests.

COMPOSITION

Alkyd resins, biocides, additives and water. It is non-flammable.

PROPERTIES

- » Appearance: milky, white solution,
- » Density: cca 1,01 g/cm³,
- » pH: 8.3–8.6.

The product preventive chemical protect the wood against biological pests (fungi and insects). It is absorbed into the wood and form a toxic layer in the wood for fungi and insects. The thickness of this layer depends on the depth of penetration Impregnant Active into the wood, tipe and wood quality, the degree of dryness and the quantity of applied agent.





APPLICATIONS

Use on wood which requires chemical protection due to its lack of resistance or location.

The use of Impregnant Active in living areas is not recommended. It can be used only on small surfaces (windows, doors, etc.) and in damp places where people do not stay for long (basements and bathrooms).

Wood in living areas impregnated with Impregnant Active should be further protected with one of our products that do not contain biocides (Interior, Interior lak), thereby preventing direct contact with the protected surface.

Weather exposed wood elements (windows, doors, cladding, fences, shutters) after application and drying of Impregnant Active should be further protected as soon as possible with coatings that are resistant to weathering (Exterior, Exterior email).

CERTIFICATES

Effectiveness of Impregnant Active fully meets the requirements of European standards EN 113 on fungicidity, EN46 on insecticidity and EN 152 on blue stain.

PREPARING THE BASE

The wood to be protected must have no old stains and be air dry and clean of dirt and dust. All these actually reduce the capacity of the agent to penetrate into the wood.

If the wood is infected with fungi (mould) or insects protecting it with Impregnant Active alone is not enough. In this case use Belocid plus and seek advice from a member of our Consulting Service.

METHOD OF APPLICATION

Impregnant Active is ready to use and must not be diluted. Mix well before use, then apply onto wood by immersion (dipping), flowing or with a roller or brush to moisten the wood on all sides. Wood cross sections should be given additional protection.





Use tools that do not rust. We recommend the use of quality brushes for water-borne coatings.

DRYING

Drying time depends on the type, temperature and humidity of the wood, ambient temperature and humidity, and the amount of used agent. Under normal weather conditions, the drying period is 6 to 8 hours (20 °C, 65 % relative air humidity). The drying time is longer at lower temperatures and higher air humidity.

The next coat can be applied only after 12 hours of drying under normal conditions or 24 hours drying at a temperature of 10 °C otherwise faults may appear when applying the next coat.

COVERAGE

Coverage depends on wood absorption, which is why it is not possible to predict it accurately. It holds true, however, that protection is better the greater the quantity used. For good protection of pine sapwood consumption must be 110 - 120 g/m². Spruce is less absorbant, therefore reducing consumption.

Several types of wood are practically non-absorbant (e.g. pine heartwood, larch, oak), which is why consumption can be considerably reduced. Nevertheless, protection is good as these types of wood are naturally more resistant and only a small quantity is required to provide them with further protection. Using Impregnant Active to protect highly resistant woods (e.g. teak) is unnecessary.

For optimum protection we therefore recommend consumption of 1 litre to cover 8–9 m² of wood.

CLEANING TOOLS

After use wash tools with water to which detergent has been added.





ADVICE AND WARNINGS

At work and during the drying the temperature of the substrate, protective agent and the ambient should be above 15 °C, but not less than 10 °C. Relative air humidity should be not over 80 %. Avoid coating in the strong sunlight.

Impregnant Active contains biocides (insecticides and fungicides). The biocides can be hazardous to health if this agent is incorrectly handled! Although we have selected the most advanced and safest biocides, care should be taken when working to avoid direct contact with this agent.

Use agents that contain biocides only when prescribed or essential in individual cases.

LIMITATIONS

Do not use Impregnant Active to protect wood that comes in direct contact with foodstuffs or fodder.

Likewise do not use to protect wood in bedrooms or in confined places where people stay for long periods, except on smaller surface areas (e.g. windows, doors, etc.).

STORAGE AND HANDLING

Store Impregnant Active in tightly sealed original packaging at a temperature between 5 °C and 30 °C out of reach of children and animals and away from foodstuffs.

This product must not freeze!

Unused agent can be poured into smaller packaging for Impregnant Active (0.75 l), never into other packaging due to possible misidentification or substitution. Use smaller quantities till empty.

SHELF LIFE

In original sealed packaging this product should be used by the date marked on the packaging.





ENVIRONMENT

Impregnant Active must not be poured into the ground, surface water courses or into a drainage system. Use till empty so that wood can be additionally coated when necessary. Empty packaging should be left open to dry, then discarded among special waste. For collection centres ask the authorities in your country.

This agent can be destroyed by incineration under controlled conditions (in authorised incineration plants).

SAFETY WARNINGS

At work using personal protective equipment (goggles, gloves, protective clothing) and provide good ventilation.

Ensure good ventilation during application and drying.

During work do not eat, drink or smoke.

In the case of contact with the eyes immediately and thoroughly washed with water.

REGULATIONS

In connection with regulations governing product safety, safety at work and transport, read the material safety data sheet.

FURTHER TECHNICAL INFORMATION

More information can be obtained from our distributors or visit our website: www.belinka.com.

The purpose of this technical information is to describe technical properties and application possibilities of the product. Although advices are based on our long term experiences, buyers must determine for themselves, by preliminary tests or otherwise, the suitability of the product for the expected use. Due to the large number of influences on the properties of product, from substrates, application conditions, workmanship experiences of user, environmental conditions ect., no liability of the producer can be derived from the contents of this information sheet. In case of doubt call our technical consultants.

