

Product Description

Protek Wood Preserver Plus Plus ++ is a water-borne product based on a modified alkyd emulsion. It contains active ingredients effective against wood destroying fungi, wood discolouring fungi and wood boring insects. Protek Wood Preserver Plus Plus ++ penetrates easily into wood and thereby gets deep into inner layers.

It is moisture regulating and provides an adhesive surface for subsequent treatment with finishing paints (top coat). After drying it is odourless. **H.S.E No: 10786**



Intended Use

Protek Wood Preserver Plus Plus ++ is a wood preservative used for pre-treatment of non-resistant wood in outdoor areas. It acts against wood boring insects. **DO NOT USE ON BEEHIVES**

The product is applicable by brush treatment or professional/industrial applications.

Range of use

All outside wood, which is not in direct contact to soil or surface water and not stressed statically can be treated with Protek Wood Preserver Plus PLUS ++. This includes e.g.: façades, windows (inner and outer parts), exterior doors (inner and outer parts), carports, shutters and balcony railings etc. The product should not be used in indoor living spaces apart from external windows and doors.

User: Industry, professionals and private end users (Do-it-yourself).

Colour shade: White to yellowish

Preparation

The wood surface must be clean and dry before treatment. All coatings should be completely removed. If necessary grey or deteriorated wood should be sanded down to a clean, sound surface. Wood should be frost-free when treated.

Processing temperature: 10-30°C (wood and product)

Professional / Industrial uses: Dipping (or flow coating) in special facilities and equipment.
Spraying in closed devices.

Non-professional/ Professional uses:

Apply by synthetic brush designed for water-borne products, spreading out thinly and evenly along wood texture.

Number of coats required: 2-3, depending on wood species and surface characteristics

Coverage: Effective against wood destroying fungi, blue stain and wood boring insects at 120 ml/m²
8.3 square metres per litre (8m²/litre)

Drying time: 4-6 hours under normal conditions (20°C/ 65% rel. humidity).
Low temperatures, increased humidity and ingredients of some wood types may increase drying time.

Cleaning of tools: Clean tools immediately after use with warm water, subsequently rinse with clear water or use commercial brush cleaner.

Subsequent surface treatment: Treated timber must be coated with a suitable finishing paint (top coat). Apply the final top coat directly after drying of the preserver on the wood surface.

Handling

Protek Wood Preserver Plus Plus ++ is a ready-to-use product and does not need to be diluted. Stir well before use. The product should be applied evenly in order to get best results. Reseal container after use. Do not allow this product to reach aquatic environments, the ground or the sewer system. Protect environment (e.g. soil, plants, aquatic environment) from splashes of Protek Wood Preserver Plus. Do not apply in damp conditions or if rain is imminent.

For industrial use, freshly treated timber must be stored after treatment under shelter or on impermeable hard standing to prevent direct losses to soil or water and that any losses must be collected for reuse or disposal.

Compatibility

Over coating of Protek Wood Preserver Plus Plus ++ is possible with usual commercial top coats. However compatibility and adhesion should be tested in a sample.

Chemical and physical data

Ingredients: Iodopropynyl butyl carbamate (IPBC), propiconazole and permethrin
 Further ingredients: modified alkyd emulsion, additives
 Product description: white to yellowish emulsion

Technical characteristics*

Density (20°C): 1.0g/cm³
 Viscosity (20°C): 1.67 mPas
 Flashpoint: no flashpoint measured up to boiling point (>100°C)
 VOC content: <41 g/l (Cat. A/f): 130 g/l (2010)

* Additional information about the product. They are not subject to permanent quality control therefore are without responsibility

Storage

If correctly stored and kept in the original sealed container (cans), the shelf life is at least 24 months. Temperatures above 30°C and below 5°C should be avoided. Before use it must be ensured that the product is at a temperature between 0°C and 30°C.

Disposal Information

Completely empty cans can be recycled as normal. Dispose left over product in the original container in compliance with local regulations. Do not dispose product residues or cleaning wastes into the sewer systems (drains), into waterways or into the soil. Do not reuse empty containers.

European Waste Code (EWC) -

03 02 02: organochlorinated wood preservative.

20 01 27: Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions: paint, inks, adhesives and resins containing dangerous substances.

Precautionary Information

Wear suitable protective clothing, safety goggles and protective gloves (e.g. nit-rile rubber gloves). When using do not eat, drink or smoke.

Handle product and dry freshly treated wood in areas of good ventilation. Keep freshly wood roofed or otherwise protected against rain until complete dryness. Do not breathe sanding dust. Wash hands and exposed skin before meals and after use.

During application to *in situ* timbers and whilst surfaces are drying do not contaminate soil and surface waters with product.

Avoid release to the environment. Do not empty into drains. Do not allow this product to reach aquatic environments, the ground or sewer system. Protect soil, plants, aquatic environments from splashes of product. Do not apply in damp conditions or if rain is imminent.