

Technical Data Sheet

Coating products

profilan[®]-prevent

Water-based primer with biocidal active ingredients providing protection against blue mould, rot and insects.

Fields of application	profilan [®] -prevent protects wood used in the outdoor context without direct contact with the ground and no exposure to static loads against blue mould, rot and insects in accordance with DIN 68 800, Part 3.
Characteristics	<ul style="list-style-type: none"> • Protection against blue mould, rot and insects • Very good wood grain filling properties • Provides in-depth and sustained protection against wood parasites • Facilitates good adhesion of subsequent coatings • Excellent penetration and fixation of the active ingredients within the wood (no swelling, particularly good adhesion of subsequent coatings) • Fast-drying
Composition	Alkyd emulsion, water, glycols, active ingredients, additives, preservatives
Active ingredients	12 g/kg (1.20 %) 3-iodo-2-propynyl-butylcarbamate, 1 g/kg (0.1 %) permethrin.
Colours	0000-Colourless
Packaging	0.75 L, 2.5 L and 10 L drums. 200 L barrel
Method of application	Painting, flow coating, dipping, spraying only in enclosed facilities..
Quantity to be applied	200-250 ml/m ² , in 2 work cycles The application rate may vary depending on the surface and application method in question. The precise application rate should be determined by testing on a trial surface area.
Priming process	The surface must be clean, solid and viable. The moisture content of the wood should be between 12 % and 14 %. Wipe tropical woods down with paint thinner beforehand, where appropriate. Further information on priming and constructive wood preservation measures can be found in the leaflet "BFS-Merkblatt 18".
Instructions for use	Stir well before use. Any visible non-corrosion-resistant metal components within the coating area must be separated off. A sanding sponge will be a particularly effective tool at the intermediate sand-

	ing stage. Do not use wire wool for sanding. We recommend the use of special brushes for aqueous acrylic lacquers for painting. Do not use or allow to dry at temperatures under +10 °C (circulating air, surface or material) or in bright sunlight.
Drying time	Dry to the touch: after approx. 3 hours Ready for re-coating: after approx. 4 hours This information will apply per coat and under standard 23/50 conditions in accordance with DIN 50014. Higher humidity levels and lower temperatures will delay the drying process.
Re-coating capability	May be painted over with products from the profilan® range and any commercially available water-based coating materials. Where other coating materials are used, we strongly recommend the prior application of a test coat.
Dilution	Can be diluted with water, where necessary.
Cleaning of equipment	Clean equipment with water immediately after use, do not allow product to dry on equipment.
Restrictions on use	Not to be used on wood coming into direct contact with foodstuffs or animal feed. Not intended for use indoors. Not suitable for use on apiaries. Wood preservation agents contain biocidal active ingredients which protect wood against pests. They may only be used in accordance with the instructions for use and in approved application zones in which protective measures are required to be taken. Improper use may result in damage to health and the environment.
VOC content (g/L)	5 g/L (Cat. 1h / Wb): max. 30 g/L
CLP Regulation	profilan®-prevent is subject to labelling obligations. Signal word: Caution Pictogram: Exclamation mark, environment
H and P statements	H410 Very toxic to aquatic life with long lasting effects. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see label). P501 Dispose of contents/container in accordance with the applicable local/regional/national/international regulations. Product contains: iodopropynyl butylcarbamate, m-Phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate(cis share>75 %), tetrahydro-1,3,4,6-tetrakis-(hydroxymethyl)-imidazo-(4,5-d)-imidazol-2,5-(1H,3H)-dione, 1,2-benzisothiazol-3(2H)-one
Occupational health and safety	This product should be used in accordance with the applicable regulations governing occupational health and safety and accidents at work. Ensure that work areas are sufficiently well ventilated. Do not allow to come into contact with the skin or eyes. Protect face and hands during the application process. Wear suitable protective clothing,

	<p>protective gloves and, where appropriate, protective eyewear. Do not permit to come into contact with electrical equipment. profilan®-prevent should not be stored in containers used for food, beverages or other comestibles. Keep out of the reach of children and store separately from foodstuffs, beverages and animal feed. No eating, drinking or smoking while using the product. GISBAU code: HSM-LV 10.</p>
Storage/transportation	<p>Store under cool, frost-free conditions. Close drum tightly after use. Store in the original drum in a place which is only accessible to individuals qualified to use the product. Shelf life when stored in a cool place: see drum label. Do not transport on days on which there is a chance of frost.</p> <p>ADR/RID: Class 9, UN No. 3082, packaging group III.</p>
Environmental protection	<p>profilan®-prevent may not be introduced into the soil, any bodies of water or the sewage system. Water hazard class 2 (self-classification in accordance with the VwVwS, Annex 4). Only drums which are completely empty should be sent for recycling. Hand over any liquid material residues to the collection point for paint residues. AVV waste code no. 03 02 02.</p>
<p>This Data Sheet is intended as a guideline. However, no guarantees can be given with regard to the various possible product applications on an individual case basis. This will also apply in cases in which we have provided advice as to the application techniques to be used. Any such advice will be provided on a non-committal basis to the best of our knowledge, based on our findings and experience. Any oral agreements entered into or assurances given will generally be subject to written confirmation.</p>	

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