

LIGNEX[®] DEFEND

Ready-to-use organic solvent-based woodworm treatment

3272-a December 2024

Description

Product: LIGNEX DEFEND is an organic solvent-based, aromatic compound-free product specifically designed for the curative treatment of wood infested by xylophagous insects (larvae), such as the House Longhorn Beetle (*Hylotrupes bajulus*). It also provides effective preventive protection against other xylophagous insects (PT08).

Fields of application: for the treatment of all wooden parts infested by insects, such as, for example, roof structures, furniture, flooring, works of art, etc...

Active ingredients: 0.25% (= 2.5 g/kg) Permethrin.

Certifications: The product is registered under the Biocidal Products Regulation (BPR (EC) No. 528/2012) in IT/2023/00881/MRP, AT-0016053-0000, DE-0014866-08, CH-2023-000, with tested efficacy according to EN 599-1, class 1.

Surveillance institut: HFA – Vienna (A)

Colour: 00-colourless.

Packaging: 0.750 l - 2.5 l - 5 l and 25 l.

Technical Data

Density: 0.80 kg/l at +20 °C

Flash point: approx. 62 °C..

Viscosity: 45-47 sec / DIN cup, 2 mm at 20°C

Drying time: about 1 day under normal conditions (20°C/65% Ur), depending on the type of wood, the amount of application and the weather conditions. High humidity and/or low temperatures slow down drying.

Over-painting: Under normal conditions, after approximately 3 days

Odour: weak odour; odourless once dry.

Storage: 2 years. Store in a cool, dry and well-ventilated area. Store only in the original container and frost-free. Do not store at temperatures above 30°C. Keep away from heat sources and shield from direct sunlight. Keep containers tightly closed. Keep out of reach of children and non-target animals or pets.

How to apply

General: Stir product well before use.

Application systems: *Non-professional use:* brushing. Preventive and curative use for small surfaces and objects (up to a maximum of 3 m²). The treatment of large surfaces can only be carried out by professional applicators.

Professional use: brushing, dipping, injection, bore hole impregnation. Preventive and curative application for wooden objects of all types, subjected to static loads, and placed in dry indoor environments.

Surface preparation: The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 18%. Completely remove old film-forming coatings, as they would prevent the penetration of the product, as well as any loose and non-compact wood sections and decay. Clean any resinous areas or pockets on the surface with nitro thinner.

Consumption: *Preventive: brushing/dipping* 120-150 l/m² (95-119 g/m²) = approx. 7-8 m²/l; *Curative: brushing/dipping* 300 ml/m² (238 g/m²) = 3 m²/l; *injection/bore hole impregnation:* 12.5 l/m³ (9.9 kg/m³).

Dilution: LIGNEX DEFEND is ready to use and must not be diluted.

Recoatibility: under normal conditions, it can be recoated with common impregnating products and/or commercial finishes after approximately 3 days.

Tool cleaning: with our special cleansing agent NETTO or with white spirit.

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Special instructions

Use biocides safely. Always read the label and product information before use.

Instructions for use: Do not use on wood, or near wood that may come into direct contact with food, feed, beverages and livestock/pets. Ensure no bystanders or animals are present during application and until the surface is completely dry. Especially cats, must not be present due to their sensitivity to permethrin, which can cause severe adverse reactions. Do not use in apiaries, greenhouses and saunas. May be harmful to protected species such as bats, hornets or birds; check the area before using the product to take appropriate protective measures.

During product application and whilst surfaces are drying, do not contaminate the environment. Any spillage must be contained by covering the ground. Do not discharge the biocidal product nor the diluted solution of the biocidal product, its residues or painting sludge into the sewage system or the environment (soil, groundwater and surface water). Ensure adequate ventilation during and after application until the treated surfaces have dried. After use, wash face and hands thoroughly with soap and water.

For professional use: Wear protective gloves of class 2 or higher (EN 374). For dipping and injection, wear a protective coverall (at least type 6, EN 13034). All industrial application processes must be carried out in a contained area situated on impermeable hard standing with bunding. Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both. If ventilation is inadequate (e.g., in confined spaces), wear appropriate respiratory equipment.

LIGNEX DEFEND must always be overcoated with an impregnating and/or finishing product, except when a dust-tight coating has been applied! (A dust-tight coating can also be achieved using a suitable film-forming paint).

Warnings:

First aid measures: If medical advice is needed, have a product container or label at hand. IF INHALED: If symptoms occur call POISON CENTRE or a doctor. IF SWALLOWED: DO NOT induce vomiting. If symptoms persist: Immediately call 112/ambulance for medical assistance. IF NO SYMPTOMS: Call a POISON CENTER or doctor. IF ON SKIN Take off contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTER or doctor. Poison Center: (AT) Tel: +43 1 406 43 43 - (CH) Tox Info Suisse Tel. 145.

Pyrethroids (including permethrin) may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice/attention. Do not allow the product to reach sewage system or water courses. In case of seepage into water or sewage system inform responsible authorities. Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust).

Waste disposal: Dispose of partially used and empty contents/containers take them to a hazardous waste collection point. (EER 030202*). DO NOT RE-USE THE CONTAINER.

Detailed information on disposal, water hazard class, VbF, and ADR/RID can be found in the safety data sheet, available at <https://myamonn.amonncolor.com/>

The above instructions reflect the latest information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.