

LIGNEX AQUADEFEND

Water-based treatment against wood-boring beetles and termites

3069-a May 2017

Description

Product: LIGNEX AQUADEFEND is a water-based product for the care of wood attacked by insects that also provides effective prevention against termite attack.

Applications: for indoor and outdoor wood (risk classes 1 and 2 according to EN 335-1) that is not in constant contact with soil or water, to be used for example on windows, roofs, façade features, outside doors, pergolas, furniture, flooring, decorative items, etc. Please check the warning notes.

Protection: provides care and preventative protection against wood-boring insects and preventative protection against termites. Efficacy tested according to EN 599-1. Compliant with EU BPR Biocides Directive no. 528/2012.

Active ingredients: 0.25% (= about 2.5 g/l) permethrin

Colour: 00-colourless.

Packaging: 20l in plastic drums.

Technical data

Specific weight: approx. 1,01 kg/l at +20 °C

Flash point: n.a.

PH-value: ca. 7,5

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

Drying time: according to the type of wood, the quantity applied and the atmospheric conditions: dry to the touch after about 1 hour, can be over-painted after 24 hours. In low temperatures and/or high humidity the drying time is prolonged proportionally.

Odour: weak odour; odourless once dry.

Storage: 2 years in the original closed containers. Store at a cool temperature protected from frost. Close partially used tins carefully; if there is a particularly large air space transfer to smaller containers and label clearly.

How to apply

General: mix the product well before using.

Application systems: brush, spray, forced injection.

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 any old film-forming paint or varnish because this will hinder the product penetrating the wood, also any wooden parts that are no longer solid and compact and any traces of insect attack. Clean any resinous areas or pockets on the surface with nitro thinner.

Quantity to apply: as a preventative treatment: 200 ml/m²
as a curative treatment: 300 ml/m²

Dilution: the product is ready to use and must not be diluted.

Over-painting: in normal conditions it can be over-painted after about 24 hours with any ordinary impregnating and/or finishing products on sale.

Tool cleaning: with water immediately after use. Any residues should be disposed of as prescribed by current regulations.

Special instructions

Protective treatments contain biocidal active ingredients to protect wood from animal and/or vegetable parasites. Only use for approved applications. Incorrect use may cause damage to health and the environment.

When working with products providing wood with biological protection, current legislation governing workplace health and safety and environmental protection must be complied with, taking into account any hazard warnings on the labelling.

Preferably not for use on large indoor surfaces. The product must be applied by specialist firms. Treated wood in indoor locations that are regularly occupied must be given a dust-proofing top coat *). This is also the case for mansards and lofts if the rooms are residential.

Do not apply to wood liable to come into direct contact with food, animal feed or drinking water. Not suitable for beehives, greenhouses and saunas.

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During use ensure the face, hands and eyes are adequately protected and that the working area is properly ventilated. In the event of insufficient ventilation use an appropriate mask. Cover electrical switches and cables properly to avoid short circuits. Avoid working near naked flame or sparks.

LIGNEX AQUADEFEND is toxic for fish and fish-eating animals. Do not apply to surfaces that are not well consolidated. Avoid the product coming into contact with plants. Do not allow the product to pollute water courses, drainage and sewage water or let it penetrate the soil. The product and wood so-treated may not be used near water courses.

LIGNEX AQUADEFEND must always be over-painted with an impregnating and/or finishing product.

Disposal: European waste catalogue according to EAK and AVV: 03 02 02

Dispose of the product and its residues at a special waste disposal facility. Only recycle empty containers.

Water hazard class: WGK 2, hazardous to water (according to VwVws regulation of 17 May 1999).

VbF classification: --

ADR/RID: UN 3082, liquid, n.a.g. (permethrin), 9, III.

*) Dust-proofing top coats can also include varnishing with a suitable film-forming product.

The above instructions are consistent with the most recent 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.