

## LIGNEX<sup>®</sup> GRUND BPIV

Impregnating protective primer

3248-a September 2016

### Description

**Product:** LIGNEX GRUND BPIV is a solvent-based protective primer, free from aromatic compounds, for the preventative protection of wood from attack by discolouring and destructive fungi and from wood-boring insects.

**Applications:** for the treatment of outdoor wood (risk classes 2 and 3 according to EN 335-1) that is not in constant contact with soil or water, for example for windows, external doors, outdoor coverings, pergolas, garden furniture, etc.

**Protection:** provides preventative protection from blue-stain fungus, wood-destroying fungi and from wood-boring insects. Efficacy tested according to EN 599-1. Compliant with EU BPR Biocides Directive 528/2012.

**Active ingredients:** 0.5% (= 4.0 g/l) of 3-iodo-2-propynyl butylcarbamate, 0.2% (= 1.6 g/l) Tebuconazole, 0.06% (= approx. 0.5 g/l) Permethrin.

**Colour:** 00-colourless.

**Packaging:** 0.75 l - 2.5 l - 5 l - 25 l in tins. Larger packages on request.

### Technical data

**Specific weight:** approx. 0.804 kg/l at +20 °C

**Flash point:** over 65 °C.

**Viscosity:** 48-50 s, DIN cup, 2 mm at +20 °C.

**Drying time:** after about 12 hours according to the type of wood, the quantity applied and the atmospheric conditions. 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 with proper labelling. Always keep out of the reach of children. Keep away from food, drink and animal feed.

### How to apply

**General:** mix the product well before use.

**Application systems:** brush, immersion; spray only in closed systems.

**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. Clean any resinous areas or pockets on the surface with nitro thinner.

**Quantity to apply:** 140 – 160 ml/m<sup>2</sup>

**Dilution:** LIGNEX GRUND BPIV 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. We recommend always doing a test application.

**Tool cleaning:** with thinner for synthetics or white spirit, immediately after use. Any residues should be disposed of as prescribed by current regulations.

### Special instructions

Wood protective systems contain biocidal active ingredients to protect wood from parasites. Only to be used where wood protection is necessary, following the instructions for use. Incorrect use may cause damage to health.

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 (in particular any hazard symbols or warnings, safety advice) and anything specified in the safety instructions.

Do not apply to wood liable to come into direct contact with food, animal feed or drinking water. The product is not suitable for saunas or wood in constant contact with the soil or water. We do not recommend its use in large indoor surfaces such as in living rooms and bedrooms. During use ensure the face, hands and eyes are adequately protected and that the working area is properly ventilated. Cover electrical switches and cables properly to avoid short circuits. Avoid working near naked flames or sparks.

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

Do not apply to wooden parts that are not fixed. Do not apply in the immediate vicinity of water courses. Do not let the product pollute water courses and drainage water. Avoid plants coming into contact with the product or with wood that has just been impregnated. Not suitable for beehives. Keep out of the reach of children. Store away from food, drink and animal feed. Do not eat, drink or smoke during use. Do not breathe in the vapours/aerosols. Do not pour residues into the sewer system; dispose of this material and its containers in a special or hazardous waste disposal facility. Wear suitable protective clothing. If ingested, consult a medical practitioner immediately and show the practitioner the container or its labelling. Avoid contact with the eyes and skin. After application wash the face and hands thoroughly with water and a suitable detergent.

**Disposal:** Do not dispose of in the sewerage and drainage system, in water courses or in soil. In the event of product escape or spills, mop up the liquid with absorbent material and dispose of according to current regulations. Do not dispose of with domestic waste, do not pour down the toilet. Packaging containing product residues must be disposed of at a collection centre for hazardous waste.

**Water hazard class:** class 2 (WGK2), hazardous to water (according to VwVws regulation of 17 May 1999).

**European waste catalogue number:** No. 03 02 02 (AVV)

**VbF classification:** A III

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

*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.*