



THE BEST FOR YOUR WOOD.

Koranol Ib



1. Product description

Product type	Solvent-based wood preservative for the curative and preventive treatment of wood against wood-destroying insects in interior and exterior applications.
Effects of the product	Controls wood-destroying insects (house longhorn beetles, woodworm beetles and powderpost beetles) in timber. Provides preventive protection against insect infestation.
Areas of application	Koranol Ib can be used on roof structures, timber-framed buildings, log constructions, stairs, doors, furniture and antiques, among other applications. Both hardwoods and softwoods can be treated.
Product authorisation	Authorised biocidal product according to Regulation (EU) No. 528/2012
Quality monitoring	MPA Eberswalde – Materialprüfanstalt Brandenburg GmbH
Active ingredient	100 g contain 0.15 g permethrin (a.i.).
Properties	• Fast-acting • Penetrates deeply and rapidly • Rooms can be used again 48 hours after treatment • Provides long-lasting protection against reinfestation • Low odour – odourless after drying • Paintable, coatable

**User category,
application methods**

User category: Professional user

		Interior applications	Exterior applications
Spraying	Preventive	✓	
	Curative	✓	
Brushing / rolling	Preventive	✓	
	Curative	✓	✓
Drill-hole treatment*	Curative	✓	✓

* Drill-hole impregnation and pressure impregnation through drilled holes

User category: Non professional user

		Interior applications	Exterior applications
Brushing / rolling	Curative	✓	✓

Colour

Colourless

Corrosive properties

Does not attack glass or metal.

Container sizes

Non-professional user: 0.75 l | 5 l
Professional user: 0.75 l | 5 l | 20 l

2. Technical data

Density 20 °C

Approx. 0.77 g/cm³

Viscosity 20 °C

According to DIN ISO 2431 (11 seconds in a DIN 4 mm flow cup)

Flash point

according to DIN EN 53213: 65 °C

3. Processing

Preparation

Completely remove film-forming coatings, dust and dirt. Remove any deteriorated wood that is no longer structurally sound. Expose insect galleries in the remaining wood by brushing with a wire brush. Remove wood dust from insect activity. Reinforce or replace structurally weakened timber using timber that has been impregnated beforehand. Cover bituminous materials, plastics, plaster, concrete and stoneware. Tie back plants, do not wet them. Before applying the wood preservative, carefully cover absorbent building materials, loose-fill materials, ceiling materials, the ground when treating timber outdoors, etc. Prevent any loss of wood preservative into adjacent building materials or surrounding areas.

Application

Koranol Ib is supplied ready for use and must not be diluted. Stir well before use. Drill-hole treatment must only be carried out on freely accessible timber components. Curative treatment of load-bearing or reinforcing timber structures, structurally important timber components, large areas affected by insect infestation or valuable wooden objects must only be carried out by specialists experienced in wood preservation.

Application methods

Brushing / rolling, spraying and drill-hole treatment (non-pressure drill-hole treatment and pressure injection). Koranol Ib may be applied using a low-pressure airless spray system (4-5 bar).

Tested application rates and number of applications

Spraying, brushing / rolling:

- Preventive: 195 ml/m². Apply in 2 coats.
- Curative: 328 ml/m². Apply in 3 coats.

Drill-hole treatment:

- Curative: 10 kg/m³.

For drill-hole treatment, drill holes 8 cm deep and 10 mm in diameter. The spacing between drill holes must be 20 cm horizontally and 10 cm vertically.

Drill-hole impregnation:

Apply by filling each drill hole three times with a total of approximately 20 ml of Koranol Ib. Allow approximately 30 minutes between fillings.

Pressure impregnation through drilled holes:

Apply by injecting approximately 20 ml of Koranol Ib once into each drill hole using injection devices (known as packers).

To ensure the effectiveness of the curative treatment, drill-hole treatment should wherever possible be combined with a curative surface treatment (spraying, brushing / rolling) at an application rate of 328 ml/m².

Drying

In standard climate conditions (23 °C and 50% relative humidity as per DIN 50014) and on normal wood types such as pine and spruce surface-dry after approx. 24 hours. Drying may take longer if excessive amounts of product are absorbed or following drill-hole treatment.

Recoating

Once dry, the treated wood can be recoated with solvent-based and water-based wood scumbles, paints and varnishes. Recoating is possible after a minimum of 5 days. We always recommend applying a test coating first.

Cleaning the tools

Clean with brush cleaner, white spirit or synthetic resin thinner.

Properties of treated wood

The flammability of the wood is not increased once the wood preservative has dried.

4. Special instructions

First aid instructions

Change contaminated, saturated clothing. If in doubt or if symptoms occur, seek medical advice. If medical advice is required, have the packaging or label at hand. Never give anything by mouth to an unconscious person or a person with cramps. Pyrethroids may cause paraesthesia (burning and tingling of the skin without irritation). If symptoms persist: Seek medical advice.

After inhalation: Remove casualty to fresh air and keep warm and at rest. Provide fresh air.

After skin contact: Wash immediately with plenty of soap and water. In case of skin reactions, consult a physician.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion: Immediately call a poison centre and a doctor. Do NOT induce vomiting. Rinse mouth thoroughly with water.

Protection of first aiders: First aiders must ensure their own safety.

Advice for doctors: Treatment – Treat symptomatically.

Instructions for use and warnings

Read the product information before use and strictly observe all instructions. Misuse may cause health problems and lead to environmental damage! Do not use on wood intended to come into direct contact with food or animal feed. During curative treatment indoors, the rooms concerned must not be used as living or sleeping accommodation. A waiting period of 2 to 5 days must be observed before the rooms are used again. Keep away from food, drinks and animal feed. Do not eat, drink or smoke while using this product. Keep out of reach of children. Do not work with open light or fire. During drying of the wood preservative, the flammability of the treated timber components is increased. Contains pyrethroids. Toxic to cats and bees. Very toxic to aquatic organisms with long-term effects. May be harmful to protected species such as bats, hornets or birds. Before applying the product, check whether any protected species are present in the treatment area. If necessary, appropriate protective measures must be taken. Contains permethrin. May cause allergic reactions. Ensure adequate ventilation during application and drying of the wood preservative. Do not breathe gas / smoke / vapour / aerosol. Observe the usual precautionary measures for handling wood preservatives. Wear suitable protective gloves when using the product: PVA (polyvinyl alcohol) or NBR (nitrile rubber), thickness: 0.4 mm. Avoid contact with eyes and skin. Repeated contact may cause skin dryness or cracking. May be fatal if swallowed and enters airways. Avoid release into the environment. Do not use in the immediate vicinity of surface waters or within water protection zones. Collect spillage. Store locked up. Keep away from sources of ignition. Take precautions against electrostatic discharge.

Storage and environmental protection

Do not allow the product to enter watercourses or drains. Prevent the product from spreading over a wide area. Mechanically collect any spillage using liquid-absorbent materials. Store only in original containers. Protect from sunlight. Protect containers from damage. Close the container tightly after use.

Do not store or apply at temperatures below +5 °C or above +30 °C (applies to the substrate, Koranol Ib and ambient temperature).

Waste disposal in accordance with Directive 2008/98/EC

Dispose of unused product residues, contaminated materials and containers that have not been completely emptied in accordance with applicable regulations (take to a hazardous waste collection point or hand over to an authorised hazardous waste collector). Dispose of any residues remaining after cleaning tools as hazardous waste. Keep away from sources of ignition. No smoking. Take precautions against electrostatic discharge.

VOC content

Not subject to labelling requirements under Directive 2004/42/EC.

EWC/ German Waste catalogue regulation [AVV]

03 02 05 - Other wood preservatives containing hazardous substances.

The above details are based on the latest technological developments and application methods and contain general advice. They describe our products, and provide information on the application and processing thereof.

Because application and processing are beyond our control, we are liable only for the consistent quality of our products as per our general terms and conditions. In the event of doubt, please contact our technical advisory team.