

Korasit[®] NG 10

1. Product Description

Approval	Korasit [®] NG 10 has been evaluated according to the Biocide Regulation (EU) No. 528/2012 and approved by the national regulatory authority.
Approval numbers	The country-specific approval number is stated on the label of the container.
Quality control	The product is subject to voluntary quality control by Materialprüfanstalt Brandenburg GmbH.
Product type	Water-soluble, liquid, fixing, heavy metal and boron-free wood preservative. Only for wood treatment in accordance with the information available.
Active ingredients	100 g contains: 0.15 g Propiconazole (a.i.) 0.15 g Tebuconazole (a.i.) 0.25 g Permethrin (a.i.)
Effectiveness	Provides wood with preventative protection from wood-destroying insects (house longhorn beetle, woodworm), fungi (rot) and termites.
Properties	Ready to use. Low-odour.
Application	The wood preservative may be used in areas assigned to Use Classes 1, 2 or 3 in accordance EN 335. For load-bearing and/or reinforcing wooden components, e.g. trusses, wood constructions, supports. Also for non-load bearing wood in building construction.
Colour shade	The non-stained Korasit [®] NG 10 is colourless as a solution. Korasit [®] NG 10 is still available in colourless and brown shades.
Container sizes	5 kg 25 kg
Density	Approx. 1.0 g/cm ³ (20 °C)
pH value	pH 6-8
Durability	24 months

2. Application by Brushing

Application method Brushing by professional and non-professional users.

Application Indoor application in industrial sites.
Outdoor use only (including roof constructions, exterior doors and windows). The product is not allowed to be used in living areas.
Preventive softwood and hardwood preservation in use class 1 (not including living areas) and 2. Preventive softwood preservation in use class 3.

Application quantities

Brushing	Without protection against termites	With protection against termites
Use Class 1	25 ml/m ²	50 ml/m ²
Use Class 2	37 ml/m ²	50 ml/m ²
Use Class 3 with topcoat	58 ml/m ²	75 ml/m ²
Use Class 3 without topcoat	150 ml/m ²	150 ml/m ²

The application rates of 25 - 75 ml/m² are applied in 1 application, while the application rate of 150 ml/m² is applied in 1-2 subsequent applications.

Instructions for use Korasit® NG 10 may be applied by professional users as well as by non-professional users by brushing. Use the ready-to-use product undiluted. Stir the product before use and apply it with a brush directly from the can. For cleaning wash the equipment with water.

Risk mitigation measures No protective equipment is required for wood preservation by brushing. Wash hands and exposed skin before meal and after use. Do not contaminate foodstuffs, eating utensils or food contact surfaces. Do not contaminate ground, water bodies or watercourses with chemicals or used container.

Keep children and pets away from treated surfaces until dried.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Do not apply near bodies of surface water or in the area of water protection zones. During application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained by covering the soil and disposed of in a safe way.

Do not apply the product in-situ adjacent of above surface water.

Cover adjacent soils with plastic during in-situ application. Plastic must be discharged as solid waste.

3. Dipping Treatment

Application method Manual dipping by industrial and professional users.

Application Indoor application in industrial sites.
Outdoor use only (including roof constructions, exterior doors and windows). The product is not allowed to be used in living areas.
Preventive softwood and hardwood preservation in use class 1 (not including living areas) and 2. Preventive softwood preservation in use class 3.

Application quantities

Manual Dipping	Without protection against termites	With protection against termites
Use Class 1	25 ml/m ²	50 ml/m ²
Use Class 2	37 ml/m ²	50 ml/m ²
Use Class 3 with topcoat	58 ml/m ²	75 ml/m ²
Use Class 3 without topcoat	150 ml/m ²	150 ml/m ²

A single dipping is sufficient to achieve the application rates stated above.

Instructions for use Korasit® NG 10 may be applied by manual dipping by industrial and professional users only. Use the ready-to-use product undiluted. Stir the product before use. The transfer of the impregnation solution to the dipping tank for manual dipping is done automated by connecting lines or manually.

During the manual dipping process, the employee carries out individual treatment steps manually (e.g. dipping wooden objects, subsequent stacking of treated wood for drying, etc.).

Risk mitigation measures Use protective clothing, gloves, eye and face protection during loading of the product.

Use gloves and protective coverall (coated coverall) during the manual dipping process.

All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).

Do not apply near bodies of surface water or in the area of water protection zones.

During application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained by covering the soil and disposed of in a safe way.

4. Treated wood

Colour	Korasit® NG 10 colourless treated wood does not show any change in colour shade. Impregnated wood with Korasit® NG 10 brown shows the corresponding colour shade.
Storage	Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water, and that any losses of the product shall be collected for reuse or disposal.
Properties	Treated wood should not be intended for uses involving contact with food, feed or livestock. According to current knowledge, Korasit® NG 10-treated and dried wood shows no different corrosion behaviour towards iron, steel and glass than untreated wood.
Repainting	Treated wood can be overpainted with Koralan® and Koranol® products after fixation. We recommend that you make a trial application.

5. Special notes and legal requirements

Instructions for use and warnings **Before use, read all hazard and safety instructions in the safety data sheet for Korasit® NG 10!**

Misuse may cause health problems and lead to environmental damage.
Do not use on wood that may come into direct contact with food, animal feed and livestock.
Avoid prolonged contact of pets, especially cats, with treated surfaces.

First aid measures

Description of first aid measures

General information: Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

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

In case of skin contact: After contact with skin, wash immediately with plenty of water and soap. 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: Do NOT induce vomiting. Rinse mouth thoroughly with water.

Self-protection of the first aider: First aider: Pay attention to self-protection!

Information to physician: Treatment: Treat symptomatically.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed:
None

Protective measures: Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray.

Pyrethroids and pyrethrines may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

Accidental release measures

Personal precautions, protective equipment and emergency procedures: Take the precautions customary when handling chemicals. Use personal protection equipment.

Environmental precautions: Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods and material for containment and cleaning up: Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

Stability and reactivity:

Reactivity: No dangerous reactions known.

Chemical stability: The product is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions: No dangerous reactions known.

Handling, storage and environmental protection

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Keep/store only in the original container protected from frost and direct sunlight. Keep/store below 30°C. Protect containers against damage.

Waste disposal according to Directive 2008/98/EC, covering waste and dangerous waste. Consult the appropriate local waste disposal expert about waste disposal. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Handle contaminated packages in the same way as the substance itself.

Product code (D)

HSM-W 60

EWC / German waste catalogue regulation AVV (D)

03 02 05 Other wood preservatives containing dangerous substances.

The above information has been compiled based on the latest development and application techniques and contains general advisory information. It describes our products and provides information about their application and processing.

As the application and processing of our products is beyond our control, we can only guarantee the consistent quality of our wood preservatives in accordance with our General Terms of Sale and Delivery. We recommend that you make use of our technical advice in case of doubt.

The "Technical data sheet for handling wood preservatives" as well as the guidelines on the "Correct impregnation of building timber - planning and implementing the preservation of wood using non-pressurised processes" issued by the German construction chemistry association, Deutsche Bauchemie e.V., Mainzer Landstraße 55, 60329 Frankfurt am Main, provide comprehensive and supplementary information on the handling of wood preservatives and the operation of impregnation systems with water-soluble wood preservatives. (Download at www.deutsche-bauchemie.de)