



THE BEST FOR YOUR WOOD.

Korasit[®] TT 25 P

Wood preservative for use in accordance with DIN 68800-3



1. Product Description

National Technical Approval	Deutsches Institut für Bautechnik, Berlin (German Institute for Building Technology, Berlin)
Approval Number	Z-58.1-1676
Test Ratings	Iv, P
Quality Control	Materialprüfanstalt Eberswalde (Materials Testing Institute, Eberswalde)
Product Type	Water-soluble, liquid wood preservative based on propiconazole, tebuconazole and permethrin, free from heavy metals and boron. Only for wood treatment in accordance with this information.
Active ingredients	100 g contains: 1,5 g propiconazole 1,5 g tebuconazole 1,0 g permethrin
Effect	Provides wood with preventative protection from wood-destroying insects (house longhorn beetle, woodworm) and fungi (rot).
Properties	Easily soluble, rapidly miscible with water. The normal solution concentrations used show lower corrosion than water against iron and steel. Low-odour as a concentrate and solution.
Applications	The wood preservative may be used in areas assigned to use classes 1 or 2 in accordance with DIN 68800-1. For load-bearing and/or reinforcing wooden components, e. g. trusses, wood constructions or supports. Also for non-load bearing wood in building construction.
Colour	Unstained Korasit [®] TT 25 P is colourless as a concentrate and solution. Impregnated wood shows no change in colour. Also available on request as a stained concentrate in yellow, green or brown (control colours).
Container sizes	600 kg, 950 kg

2. Technical Data

Density	approx. 1.01 g/cm ³ (20 °C)
pH Value	10% aqueous solution: pH 6–8

3. Processing

Method of Application Painting, dipping/trough impregnation in stationary systems. The wood preservative can only be used in a dipping and trough impregnation process on building timber with a moisture content of $u \leq 50\%$.

Application Quantities	Use class 1	Use class 2
Painting, dipping/trough impregnation	10 g/m ²	25 g/m ²

We recommend a 10% solution (add 1.0 kg of Korasit® TT 25 P to 9.0 l of water) to achieve the above-mentioned application rates when applying the product by brush. The roughly 15% solution should be applied in one step with use class 1 and in two steps with use class 2.

Preparing the Impregnating Solution Add Korasit® TT 25 P whilst stirring the desired amount of water (e. g. add 5 kg of Korasit® TT 25 P to 95 kg of water for a 5% solution). The warmer the water, the shorter the product will take to dissolve. The solution temperature should not drop below +5 °C and not exceed +30 °C during the impregnation process. We recommend that you always seek our technical advice if the product is changed.

Controlling the Solution Concentration A refractometer can be used to determine the concentration of the solute (refractive index n_d^{20}).

Konz.	1.0%	2.0%	3.0%	4.0%	5.0%	7.5%	10%
n_d^{20}	1.3336	1.3341	1.3347	1.3352	1.3358	1.3372	1.3385

A detailed table can be requested from us. This is always produced for freshly prepared solutions. Wood constituents and other substances may influence the refractive index in impregnating solutions. The content of the individual active substances can be determined in a laboratory.

Treated Wood Properties Current evidence indicates that treated and dried wood used for their intended purpose displays no different corrosion behaviour than untreated wood against iron, steel and glass.

Recoating After drying the wood, it can be over painted with solvent-based, aqueous scrumbles and opaque paints. The suitability of the paint should be tested in each case, especially with aqueous paints.

Special Information Korasit® TT 25 P can easily be washed out of the wood immediately after the impregnation. Therefore, it is important to protect the impregnated wood from rain. Failure to do so may result in the preservative being partially washed out, combined with a possible risk to the ground water or surface water and a lack of stability in the wood due to the loss of the preservative. We recommend that you always seek our technical advice about your application if the product is changed. Containers should be rinsed out with water once they are empty otherwise the constituents of the control colours will adhere to the container walls in part.

4. Special Information

Corrosion Protection

Impregnation systems made of mild steel are attacked significantly less by exposure to the recommended concentrations of Korasit® TT 25 P solution than by water. Steel should be protected by a durable paint or a suitable coating. Please seek our technical advice for your application.

German Ordinance on Hazardous Substances

Signal word: Danger

Contains: Amines, coco alkyldimethyl, N-oxides ; CAS No. : 61788-90-7; propiconazole ; CAS No. : 60207-90-1; PERMETHRIN (ISO) ; CAS No. : 52645-53-1

Hazard statements:

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER or doctor/ physician.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P501 Dispose of contents/container to appropriate disposal.

Instructions for Use/Warnings

Misuse may cause health problems and lead to environmental damage.

Wear protective gloves and clothing when handling Korasit® TT 25 P as a concentrate or solution, as well as newly impregnated wood. Wear full protective goggles, especially when handling undiluted product and when preparing the solution.

Thoroughly clean any areas of the skin that have come into contact with Korasit® TT 25 P concentrate and solution.

Keep out of the reach of children.

When using do not eat or drink. In the case of an accident, if you feel unwell or if swallowed, seek medical advice immediately and show the packaging or label.

Do not use in a spraying and sputtering process or also in stationary systems, e.g. a spraying tunnel.

Do not fill the product into eating and drinking vessels or other containers that are intended to be used for food and animal feed.

Do not use Korasit® TT 25 P to treat wood that is to be used for the storage of unpackaged food and animal feed.

The relevant accident prevention regulations as well as the generally accepted safety, occupational health and hygiene regulations should be observed when handling Korasit® TT 25 P concentrate and solution. All applicable official provisions should be observed when operating impregnation systems.

Restrictions on Use	Do not treat wood for beehives, saunas and greenhouses. Do not wet plants or bring them into contact with newly impregnated wood. Refer to the national technical approval for other restrictions on use.
Storage and Environmental Protection	Observe the statutory provisions for keeping ground water, surface water and air clean when storing and processing the product. Do not allow the salt concentrate or solutions to leak into the ground, water or drainage system. Dispose of unused product or residues through specially authorised companies. Packaging must not be reused. Store Korasit® TT 25 P only in its original container. The constituents of the preservative may crystallise in the containers at temperatures of around ± 0 °C. These dissolve again into the solution when the temperature increases.
Water Hazard Class	Salt as delivered: WGK 3 in accordance with VwVwS
Product Code	HSM-W 60
EWC/ AVV	03 02 05 Other wood preservatives containing dangerous substances.

The National Technical Approval should be observed for use in Accordance with DIN 68800-3. This can be requested from us or is available as a file to download from www.kora-holzschutz.de Products ⇒ KORASIT ⇒ KORASIT® TT 40 P

The above information has been compiled based on recent research and technology and generally contains advisory information. It describes our products and provides information about their usage and processing.

However, since the use and processing of our products is beyond our control, we can guarantee the consistently high quality of our wood preservatives in accordance with our General Terms and Conditions of Sales and Delivery. In case of doubt, we recommend that you ask for our technical advice.