

Technical Leaflet

Wolsit[®] KD-20

Water-borne, metal-free wood preservative based on organic compounds.
For hazard classes 1-3 according to EN 335.

1. Usage

Field of application	Wood preservative for industrial use against wood destroying fungi and insects on internal and external structural timber without ground and water contact, in particular for roof trusses, joinery and constructional timber.
Approvals	This product is approved under the Control of Pesticides Regulations 1986 as amended, for use as directed. HSE No. 6307
Performance standard	Efficacy for hazard classes 1-3 (according to EN 335-2) has been tested in compliance with the appropriate laboratory or field tests as required in EN 599:1997 Therefore the product can be used for treatment of wood according to BS 8417:2003
Application method	Industrial treatment methods, e.g. vacuum pressure treatment, double vacuum treatment or dipping.
Minimum retention	Minimum conc. 1.5 % depending on treatment cycle and hazard class. Recommended solution strength: 10.0 % Advice is available through our technical service.

2. Application

Preparation of solution	Wolsit [®] KD-20 is miscible with water in each ratio. The solution can be homogenised easily by stirring.
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Determination of solution strength	By means of a refractometer.
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Cleaning of equipment	Directly after usage with water.
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3. Product specification

Form of supply	Liquid, water soluble preservative concentrate Product and treatment solution: yellowish, weak odour
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Density	approx. 1.0 g/cm³ (20 °C)
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pH value	approx. 7.0 (5 % solution strength)
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Labelling	 <p>Danger</p>
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Active ingredients	1.00 % propiconazole techn. 0.25 % permethrin
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4. Storage

Storage	<p>Wood preservatives are to be stored only in original containers tightly closed and out of reach of unauthorised persons, e.g. children.</p> <p>Keep away from food, drink and animal foodstuffs.</p> <p>Legislation pertaining to pollution prevention of soil, water and air is to be observed and it is to be ensured that no wood preservative components get into the soil, waterbodies or watercourses during the entire storage time.</p>
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Storage temperatures	<p>Recommended storage temperature range: +5 – 40 °C.</p> <p>Protect from temperatures below 0 °C.</p> <p>At low temperatures, crystallisation may occur. Precipitated ingredients however, will be re-dissolved by raising the temperature coupled with occasional stirring.</p> <p>If stored within the recommended temperature range in the originally, sealed container the shelf-life of the product is 2 years.</p>
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5. Treated wood

Appearance of treated timber	The treatment does not affect the appearance of the timber. Weathering will lead to natural greying of the timber.
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Colour additives	Marker dyes may be used to distinguish untreated from treated timber.
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Fixation	<p>Within 24 h the fixation has been terminated to a large extent. The recommended fixation time is one week (without frost periods).</p> <p>Treated wood must be held until surfaces are dry within a bunded area on a site which is maintained to prevent loss of treatment product to the environment</p>
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Re-treatment	Preservative solution can be used if re-treatment of cross-cuts is required.
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6. General instructions

Safety precautions

The COSHH (Control of Substances hazardous to Health Regulations 2002) may apply to the use of this product at work.

Wood preservatives contain biocidal ingredients for the protection of wood against attack by wood-destroying fungi. They should therefore only be used when the protection of wood is mandatory or necessary. Misuse may be injurious to health and cause damage to the environment.

Utilisation only in industrial facilities by trained personnel. For use by industrial operators only. The wood-preservative must not be applied by spraying.

The precautions generally taken with chemicals are to be observed when handling and applying the product.

Keep away from food, drink and animal foodstuffs. When using do not eat, drink or smoke.

Do not contaminate watercourses or ground.

Dispose of surplus chemical, contaminated materials (including sawdust) and the empty container safely using a method approved by the waste disposal authority.

Take off immediately all contaminated clothing.

Avoid excessive contamination of coveralls and launder regularly.

Wear suitable protective equipment such as impervious gauntlets, impervious footwear and an impervious apron (see Material Safety Data Sheet for more details). However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

After completion of work and before meals, hands and exposed skin should be washed thoroughly with water or a suitable cleaning agent.

Refer to the Material Safety Data Sheet for more information.

This information and all further technical advice reflect our present knowledge and experience. The purpose is to inform interested parties about our products and their use and should not be construed as guaranteeing specific properties of products described or their suitability for a particular application, nor as providing complete instructions for use. The information implies no guarantee for product and shelf life properties, nor any liability or other legal responsibility on our part. Any existing third party intellectual property rights, especially patent rights, must be taken into consideration.

Application and usage of our products based on our technical advice are beyond our control and are the sole responsibility of the user. The user is not released from the obligation to conduct careful inspection and testing of incoming goods in order to verify the suitability for the intended application. For experimental products we do not guarantee for later commercial availability. Validly existing laws and provisions must be taken into consideration by the recipient of our products. In addition, the currently valid version of our general conditions of sale applies.

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Use wood preservatives safely. Always read the label and product information before use.