

# Technical Leaflet



■ BASF Group

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## Wolsit<sup>®</sup> KD-20





Water-borne, metal-free wood preservative based on organic compounds.  
For hazard classes 1-3 according to EN 335-2

### 1. Usage

<b>Field of Application</b>	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.
<b>HSE Approval</b>	This product is approved under the Control of Pesticides Regulations 1986 as amended, for use as directed. HSE No. 6307
<b>Performance Standard</b>	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
<b>Application Method</b>	Industrial treatment methods, e.g. vacuum pressure treatment, double vacuum treatment or dipping.
<b>Minimum Concentrations</b>	Minimum conc. 1.5 % depending on treatment cycle and hazard class Recommended solution strength: 10.0 % Advice is available through our technical service.

### 2. Product specification

<b>Form of Supply</b>	Liquid, water soluble preservative concentrate Product and treatment solution: colourless, weak odour
<b>Density</b>	approx. 1.0 g/cm <sup>3</sup>
<b>pH Value</b>	approx. 7.0 (5 % solution strength)
<b>Labelling</b>	  C - Corrosive      N – Dangerous to the environment

<b>Active Ingredients</b>	0.25 % permethrin 1.00 % propiconazole techn.
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### 3. Application

<b>Preparation of Solution</b>	Wolsit® KD-20 is miscible with water in each ratio. The solution can be homogenised easily by stirring
<b>Determination of Solution Strength</b>	By means of a refractometre
<b>Cleaning of Equipment</b>	Directly after usage with water

### 4. Storage

<b>Storage</b>	Wood preservatives are to be stored only in original containers tightly closed and out of reach of unauthorised persons, e.g. children. Do not contaminate ground, waterbodies or watercourses with chemicals or used container Dispose of surplus chemical, contaminated materials (including sawdust) and the empty container safely using a method approved by the waste disposal authority
<b>Storage temperatures</b>	Recommended storage temperature range: 5 – 40 C. Protect from temperatures below 0 °C. At low temperatures, crystallisation may occur. Precipitated ingredients however, will be re-dissolved by raising the temperature coupled with occasional stirring. If stored within the recommended temperature range in the orginally, sealed container the shelf-life of the product is 2 years.

### 5. Treated Wood

<b>Appearance of Treated Timber</b>	Since the preservative solution is colourless, the treatment does not affect the appearance of the timber. Marker dyes may be used to distinguish untreated from treated timber.
<b>Colour Additives</b>	A range of yellow, brown and green colour additives is available
<b>Fixation</b>	Within 24 h the fixation has been terminated to a large extent. The recommended fixation time is 1 week (without frost periods).  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. Do not use near drains, prevent any surface run-off from entering drains.  Legislation pertaining to pollution prevention of soil, water and air is to be observed during the entire storage time.

## 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-preserved 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 reflects our present knowledge and experience and is only valid in connection with the disclaimer for advertising material on our homepage [www.wolman.de](http://www.wolman.de).

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