

Technical Leaflet



• BASF Group

Dr. Wolman GmbH · 76547 Sinzheim/Germany · Tel. ++49 7221 / 800 0 · Telefax ++49 7221 / 800 290 · E-Mail info@wolman.de · Internet www.wolman.de

Wolsit[®] KD-20





Water-borne, metal-free wood preservative based on organic compounds.
For hazard classes 1-3 according to EN 351-1:1996

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.
HSE Approval	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 351-1:1996) 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 Concentrations	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

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

Active Ingredients	0.25 % permethrin 1.00 % propiconazole techn.
---------------------------	--

3. Application

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

4. Storage

Storage	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
Frost	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

5. Treated Wood

Appearance of Treated Timber	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.
Colour Additives	A range of yellow, brown and green colour additives is available
Fixation	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-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.

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

More information and advice is available through our technical service.