

Cetol WV 882

Colourless, water-borne, preservative treatment.

Characteristics

- Component of an integrated approach of system approval, leading to the enhanced performance of exterior joinery
- Safe, fast, effective and economical pre-treatment
- Effective against a broad spectrum of wood destroying organisms
- Effective against *Anobium punctatum* (Common Furniture Beetle)
- Simple, single in-line process
- Extremely low levels of volatile organic compound (VOC) emissions
- Compatible with Sikkens factory & brush applied maintenance coating systems



Properties

Active Ingredient:

- Disodium Octaborate Tetrahydrate (DOT)
- 10% w/w aqueous solution
- HSE Number: 7079
- PC5 Number: 93401

Drying Times:

Run off - 5 to 10 minutes.

Dust dry - After approx. 30 minutes.

Initial coat - After approx. 3 to 4 hours.

The above drying times are calculated at 20°C and 65% relative humidity, air speed minimum 0.5 metres per second across the faces of the items and 15 air changes per hour. The drying times can be greatly reduced by altering the above conditions.

Drying is crucial to the application process. It is also recommended that a joint consultation with Akzo Nobel Industrial Coatings and the machine manufacturers concerned takes place for each factory layout.

Minimum application temperature, material and air, 10°C.

Flash Point:

>100°C.

Volume Solids:

10%.

Film Thickness:

Not applicable.

Application:

Initial Procedure:

Stir thoroughly immediately prior to use.

Method:

Dip or flow coat. Timber must be fully machined prior to treatment.

Immerse joinery components in the Sikkens Cetol WV 882 for a period of 60 seconds. This period of time may be adjusted depending on the density of the timber to be preserved, component cross-section, it's moisture content (ideally for it's intended end use) and factory methods used. We would recommend that trials be undertaken to ascertain that the minimum retention of 0.2% BAE (boric acid equivalent) is being achieved for the process used and the species of timber

selected. Always seek the exact advice from one of our **Joinery Account Managers**.

It is recommended that components be treated before assembly, particularly where finished component size may make treatment of assembled items difficult. Post assembly machining should be avoided.

The bond strength of PVA adhesives is reduced when used to bond timber treated with borate products. Post assembly treatment does not affect the fully cured PVA bond. Borate treated timber should be bonded with moisture-curing polyurethane adhesives.

Thinning:

Do not thin. Supplied at 11 seconds DIN CUP 4 at 20°C. Check contents daily to maintain at this viscosity and add fresh Sikkens Cetol WV 882 regularly.

N.B: Dip tanks and flow coaters for application of this product should be constructed of stainless steel and covered with a tight fitting lid when not in use. Periodically, used material

Water-Borne Preservative

Declarations:

The Building Research Establishment (BRE) in the UK has stated: "We accept that Sikkens Cetol WV 882 would be as effective as joinery preservative for use in the UK as part of a system approval, subject to confirmation that a minimum % BAE retention of the order of 0.2% can be achieved in the full cross-section." Source: BRE Client Report Number 223-111-Analysis of Sikkens Cetol WV 882, 26/08/2005.

The National House-Building Council (NHBC) in the UK has stated: "NHBC will accept the Sikkens Cetol WV 882 treatment as part of a system for fully factory finished joinery." Source: NHBC letter to BRE (Reference BRE Client Report Number 223-111) dated 11/07/2006.

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should be filtered to remove all solid particles, such as machining residues and other contaminants.

Packaging:

Pack Size:

20 Litres. Other sizes available on request.

Storage:

Store in a cool, but frost free area.

Recommended Coating System:

A range of factory base stains, primers and durable top coats is available from Akzo Nobel Industrial Coatings in various colours and sheen levels. Compatible brush applied maintenance coating systems are available from Sikkens.

Specifying timber treated with preservatives:

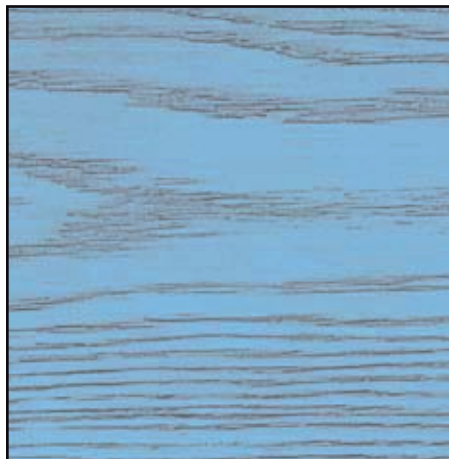
Service Environments:

Sikkens Cetol WV 882 is suitable for use in Hazard Class 3 when factory finished as per Use Class - 3a.

Integrated approach to NHBC/ system approval - Full factory application:

In line with the declaration from the BRE, the components for system approval for Sikkens Cetol WV 882 must include:

- The specification & selection of substrate
- Full factory production and finishing (glazing, end grain sealing and coating) of all joinery products
- Controlled handling, storage and installation of joinery products



- Maintenance and care package, post installation (ie. Sikkens 25 year Joinery Guarantee with the Sentinel Plus® Wood Protection Programme)

General Information:

Before using this product please read the Material Safety Data Sheet for Sikkens Cetol WV 882. If you do not understand any part of this Technical Data Sheet, please contact the **Technical Advice Centre** on **UK: 01254 760760** **Eire: 021 422 0222**

N.B: Kits are available to check whether the solution is at 10% w/w. In addition, further kits are available to 'spot-test' timber in order to check for treatment with borate.

This data sheet supersedes all previous data sheets supplied relating to this product. It contains important information which must

be communicated to the user. Users must satisfy themselves of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of Akzo Nobel Industrial Coatings. Users must also satisfy themselves of the suitability of the product in circumstances other than those set out in this data sheet. Akzo Nobel Industrial Coatings is always willing to answer users enquiries regarding its products.

For further help and information on recommended coating systems and specifications please contact the Technical Advice Centre on UK: 01254 760760 Eire: 021 422 0205



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