



## WOODCARE CLEAR PLUS

**TECHNICAL DATA SHEET NO.:** A-38-F  
**DATE:** OCTOBER 2004

**PRODUCT CODE:** **CVE 15** THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

|                                |   |   |                   |
|--------------------------------|---|---|-------------------|
| <b>Product Description</b>     | <ul style="list-style-type: none"> <li>A tough UV-resistant clear varnish with exceptional durability for exterior wood.</li> </ul>   |   |                   |
| <b>Intended Uses</b>           | <ul style="list-style-type: none"> <li>Recommended for all suitably prepared interior and exterior woodwork.</li> <li>Ideal for protecting eaves, fascias, shutters, window frames, doors, patio furniture, yacht decks, etc. Aids in preserving the natural colour of the wood by absorbing harmful uv light. Extremely resistant to peeling, cracking and crazing and provides a tough long lasting coating.</li> </ul> |   |                   |
| <b>Product Information</b>     | Appearance  | Gloss   |                   |
|                                | Colour  | Clear   |                   |
|                                | Solids  | Approx. 52 % by mass; 45 % by volume  |                   |
|                                | Recommended DFT   | Min.: 15 µm   | Max.: 30 µm       |
|                                | Theoretical spreading rate  | 15 m <sup>2</sup> /ℓ at 30µm DFT  |                   |
|                                | Typical spreading rate  | Please apply appropriate correction factors   |                   |
|                                | Viscosity at 23 °C  | 62 KU (typical)   |                   |
|                                | S G at 23 °C  | 0,91 kg / ℓ (typical)   |                   |
|                                | Flash Point   | 38 °C   |                   |
| <b>Application Details</b>     | Mixing  | Stir thoroughly with a flat paddle until homogeneous.                                 |                   |
|                                | Substrate   | Well prepared wood surface.   |                   |
|                                | Method  | Brush only.   |                   |
|                                | Thinner   | See <b>Application</b> .  |                   |
|                                | Cleaning  | <b>MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.</b> |                   |
| <b>Application Environment</b> | Surface Temperature   | Ambient Temperature   | Relative Humidity |
|                                |   | Min.: 5 °C  | Min.: 5 °C        |
|                                |   | or 2 °C min. above dew point  |                   |
|                                | Max.: 40 °C   | Max.: 40 °C   | Max.: 85 %        |
| <b>Drying time</b>             | Touch dry   | 6 h at 23 °C  |                   |
|                                | Recoating   | 16 h at 23 °C   |                   |
|                                | Dry to handle   | 16 h at 23 °C   |                   |
| <b>Storage and Packaging</b>   | Store away from direct sun, heat and severe cold.   |   |                   |
|                                | Packaging:  | 1ℓ and 5 ℓ.   |                   |
| <b>Transportation</b>          | This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)  |   |                   |

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### Surface Preparation

- All surfaces must be clean, dry and sound. Remove any oil, grease, mortar droppings, etc.
1. **NEW WORK**
    - Sand wood to a smooth finish with 150 grit paper, working in the direction of the grain. Dust off.
    - Ensure that sharp edges are well rounded.
  2. **PREVIOUSLY VARNISHED SURFACES**
    - If in a good condition and compatible with **CLEAR PLUS**, sand to a matt finish.
    - Scrape out decayed wood, sand back to a sound surface and fill.
  3. **PREVIOUSLY TREATED WITH OIL OR PENETRATING WOOD PRESERVATIVES**
    - Refer to our Technical Services Department.
  4. **STOPPING**
    - If required, use **POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER** tinted with iron oxides to match the colour of the wood. Allow to dry for 24 hours and sand smooth.

**N.B.** To ensure adequate ventilation around the woodwork, fix large wood features to bracker and not directly to the wall where damp may be trapped.

### Application

- Do not apply in a dusty environment.
- Thin first coat in the ratio 3 parts **CLEAR PLUS** to 1 part **MINERAL TURPENTINE (AZH 1)** by volume. Apply by brush. Allow to dry for 16 hours.
- Successive coats should be applied unthinned.
- Apply at least 3 coats of **CLEAR PLUS** to new wood.
- Sand lightly between coats with fine paper to denib. Dust off.
- When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain.

### Safety Precautions

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Material Safety Data Sheet for complete information.

### DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**N.B.:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER: Quote product name, product code number, packaging and colour.**

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