

1.DESCRPTION IMPA TIMBADECK WB SEALER is an extremely durable clear finish that helps prevent the return of black stains on composite decks as well as protect against the damaging effects of water, fungi, and UV radiation on composite wood surfaces. This V.O.C complaint, water-based product is fortified with zinc nano-particles, a natural deterrent to recurring black algae stains TIMBADECK WB SEALER is an acrylic based product that forms a tough wear resistant coating on the surface of the timber and is an extremely quick drying, low odour product that is easy to apply. IMPA TIMBADECK WB SEALER is not a varnish and will therefore not peel or flake if applied to clean, dry surfaces. It has a resistance and special agents to prevent against dry rot, surfaces insect and fungal attack. Extensive field testing confirms that Timbacare performs best over a longer period of time if applied in the recommended manner. IMPA TIMBADECK WB SEALER has proven capability and durability in all climatic environments IMPA TIMBADECK WB SEALER is micro-porous allowing the timber to breathe and moisture to evaporate. The standard colour shades are highly translucent accentuating the natural beauty of the timber. 2. FEATURES • Excellent wear resistance • Indoor use only • Can be used on all soft wood types • Penetrates and rejuvenates wood • Water based, easy to apply • Built in UV stabilizers and preservatives to protect and increase the lifespan of wooden materials • Seals and protects against moisture • Low-build finish that maintains the natural appearance of wood • Excellent flow and leveling properties • Impa Mouldtech™ antibacterial, fungal and algae protection • Low VOC 3.SURFACE PREPARATION • NEW WOOD: Sand in the direction of grain, to a smooth finish within 150 grit paper. Remove dust with a damp cloth. • PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to a matt finish to create a key. Remove dust with a damp cloth. • PREVIOUSLY VARNISHED WOOD IN POOR CONDITION: Rinse thoroughly with fresh water. Sand to a smooth finish. Remove dust with a damp cloth.	IMPA TIMBADECK WB SEALER ISSUED DATE: JUNE 2014, REV 1 <table> <tr> <th colspan="2">TECHNICAL DATA</th></tr> <tr> <td>Product Code Colour</td><td>VA 1412 Clear, Light Oak, Teak, Imbuia & Mahogany</td></tr> <tr> <td>Appearance</td><td>Clear – Milky in wet state but dries to a clear finish</td></tr> <tr> <td>Shelf life</td><td>12 months</td></tr> <tr> <td>Packaging</td><td>1ℓ & 5ℓ</td></tr> <tr> <td>Flashpoint</td><td>Non flammable</td></tr> <tr> <td>Specific weight</td><td>1.02-1.08@23°C</td></tr> <tr> <td>Solids per volume</td><td>26-27%</td></tr> <tr> <td>Solids per mass</td><td>27-28%</td></tr> <tr> <td>VOC</td><td><16g/ℓ</td></tr> <tr> <td>Practical Spreading rate (depending on porosity)</td><td>8-10m²/ℓ per coat The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used</td></tr> <tr> <td>Recommended finishing coats</td><td>2-3</td></tr> <tr> <td>DRYING TIME</td><td></td></tr> <tr> <td>Touch dry time</td><td>30 min at 23°C</td></tr> <tr> <td>Dry to handle</td><td>2h at 23°C</td></tr> <tr> <td>Over coating</td><td>4h at 23°C</td></tr> <tr> <td>Full cure</td><td>4-7 days</td></tr> <tr> <td>APPLICATION</td><td></td></tr> <tr> <td>Roller & Brush</td><td>Ready for use</td></tr> <tr> <td>Cleaning Mixing</td><td>Clean water & soap Do not thin stir until homogeneous</td></tr> </table>	TECHNICAL DATA		Product Code Colour	VA 1412 Clear, Light Oak, Teak, Imbuia & Mahogany	Appearance	Clear – Milky in wet state but dries to a clear finish	Shelf life	12 months	Packaging	1ℓ & 5ℓ	Flashpoint	Non flammable	Specific weight	1.02-1.08@23°C	Solids per volume	26-27%	Solids per mass	27-28%	VOC	<16g/ℓ	Practical Spreading rate (depending on porosity)	8-10m²/ℓ per coat The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used	Recommended finishing coats	2-3	DRYING TIME		Touch dry time	30 min at 23°C	Dry to handle	2h at 23°C	Over coating	4h at 23°C	Full cure	4-7 days	APPLICATION		Roller & Brush	Ready for use	Cleaning Mixing	Clean water & soap Do not thin stir until homogeneous
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- **WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE:** Mechanically sand until there is no evidence of residue. Wipe with a mutton cloth and solvent **Restore Cleaning Lacquer Thinners** to remove weathered material and restore surface to an even appearance. Multiple wipes might be necessary
- **PREVIOUSLY PAINTED WOOD:** Strip old paint by deep sanding. Rinse thoroughly with fresh water. Sand bare wood to a smooth finish. Remove dust with damp cloth.
- **DISCOLOUR OR WEATHERED WOOD:** Remove discoloured or weathered layer by sanding with 100 grit with **Restore Cleaning Thinners**. Rinse thoroughly with fresh water. Sand to a smooth finish. Remove dust with damp cloth.
- **Knots in wood:** Apply **Impa Timbercare Knot Sealer**
- **Filler:** If required use **Restore Woodputty**. Sand smooth

4. APPLICATION

- Do not apply in a dusty environment
- Do not thin **IMPA TIMBADECK WB SEALER – ready for use**.
- Apply the first coat by brush. Allow to dry for 4 hours. Repeat second and third coats in the same manner.
- Apply at least 3 coats to new and old wood.
- Sand lightly between coats with fine paper to de-nib. Remove dust with damp cloth
- Stir thoroughly before use to prevent settling out of drying and protective agents. Ensure the timber is clean and dry before coating. Apply each coat by brush or roller (or with suitable spray equipment). For maximum protection it is essential that sufficient **IMPA TIMBADECK WB SEALER** is carefully brushed onto the timber in order to achieve an even protective layer with an overall homogenous lustre. An uneven or patchy appearance indicates insufficient coating and in this case an additional coat should be applied. Extra care should be taken when applying the Clear coating to ensure that a coating is applied to all surfaces. Insufficient application will reduce the level of protection and therefore the life of the coating. However, do not “slap” **IMPA TIMBADECK WB SEALER** on heavy and thick as this retards toughness. During all application pay particular to end grain areas which should be liberally coated for maximum protection. For best results apply an additional coat after 12 months.

5.SAFETY PRECAUTIONS

- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain.
- **N.B.** Freshly painted windows, doors and gates must be allowed to dry for at least 12 hours at 23°C before closing.
- **Exterior wood subject to severe climatic conditions and un-seasonal weather should be re-coated every 1 – 2 years to prevent substrate degradation.**
- Always keep paint out of reach of children
- Ensure good ventilation during 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 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
- Will not kill existing mould.
- Will not prevent checking of timber
- Refer to Material Safety Data Sheet for complete information.

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE OR ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up**.

† WARNING! If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always prevail to keep clients informed about changes to be made, but cannot bind ourself to such notes Please ensure the use of the latest Technical Data Sheet.

Please note: that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za. All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.