

1. DESCRIPTION

- **Impa Timbercare Reaction Lacquer** is a range of Acid catalysed lacquers with various gloss levels.
- These finishes dry by a combination of solvent evaporation and chemical reaction. The result of the chemical reaction is a hard, tough, and solid film which is far more mar resistant than a conventional air-drying finish.
- These lacquers are resistant to water spotting, cracking, yellowing. Not recommended for exterior use.

2. FEATURES

- Fast drying Lacquers
- Tough and mar resistant finish
- Lower odour than other acid catalysed lacquers.
- Good build & sanding characteristics.

3. SURFACE PREPARATION

NOTE: All wood surfaces must be clean, firm and dry. Remove any grease, mortar dropping etc.

- **NEW WOOD:** Sand in the direction of grain, to a smooth finish within 180 - 220 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.
- **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.

SOLVENT WOOD PROTECTION

IMPA TIMBERCARE

REACTION LAQUER

ISSUED DATE: JUNE 2014 REV 1

TECHNICAL DATA

<i>Product Code</i>	VA 6000 Gloss VA6001 Suede VA6002 Matt
<i>Colour</i>	
<i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	Gloss, Suede & Matt 12 Months 5L & 20L 23°C
<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i>	20 - 22sec/F4/23°C 0.92 - 0.94kg/L 35 - 37% 39 - 40%
<i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i>	12m ² /L per coat @ 25µm, DFT 2
DRYING TIME	
<i>Dust Free</i> <i>Handle</i> <i>Sand Dry</i> <i>Stack/Wrap</i>	5-8min @ 23°C 35-40min @ 23°C 60-90min @ 23°C 18 hours @ 23°C
APPLICATION	
<i>Roller & Brush</i> <i>Spray</i>	Not recommended Conventional spray, airless, air assisted airless, curtain coating, dipping
<i>Cleaning</i> <i>Mixing</i>	IMPA E Thinners Stir until homogeneous Stir occasionally during

- **Filler:** If required use **Restore Woodputty**. Sand smooth

4. APPLICATION GUIDE

- Mix at a ratio of **24:1** (4% by volume). **Catalyst: VA 7001**
Conventional spray, air assisted airless or a pressure pot system. The recommended air pressures are as follows:-
Air Assisted Airless: Pump pressure 1.5 -2 bar
Atomising air pressure 1 – 1.5 bar
Pressure Pot: Pressure pot pressure 1 -1.5 bar
Atomising air pressure 1.5 bar.
- Apply at a rate of 100-120g/m² per coat.
- Allow the coating to dry as specified
- Remove all sanding dust prior to further application.

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
- 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 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.
- Not suitable for exterior use or decks
- Refer to Material Safety Data Sheet for complete information.

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: LOW & HIGH AROMATIC SOLVENTS. 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 strive to keep clients informed about changes to be made, but cannot bind ourselves 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 reserved.