

<p>1. DESCRIPTION</p> <p>Impa Timbercare Floorshield is a technically advanced pure acrylic water-based hard wearing floor coating</p> <p>Formulated for enhanced toughness affording maximum protection and enhancement of the appearance of wooden floor, tables and counter tops. Available in two sheens namely gloss and mat</p> <p>Dries rapidly to give long-lasting protection against scratching, staining and hot objects. Highly resistant to marking by water and alcohol spills. The clear finish enhances the natural beauty of all wood surfaces.</p> <p>2. FEATURES</p> <ul style="list-style-type: none"> • Very good wet and dry film appearance • No wood discoloration • Very good block resistance • Excellent resistance to household chemicals • Excellent wear resistance • Good sand ability • Excellent adhesion and abrasion resistance. • Water based- easy cleaning and quick drying • Highly recommended for use on all wooden surfaces which require a tough scratch-resistant clear coating. • Able to withstand limited exposure to direct sunshine and/or weather, but ideally for use indoors only. • Can also be used for sealing timber used in the manufacture of saunas and steam baths • Remains of old coatings should first be removed with stripper or by sanding and scraping. • Excellent flow and leveling properties • Apeo, formadeyde and ammonia free. • Impa Mouldtech™ antibacterial, fungal and algae protection • Low VOC <p>3. SURFACE PREPERATION</p> <ul style="list-style-type: none"> • Ensure the timber to be coated is smooth and dry. • Care should be taken to remove any oily or fatty deposits from the timber prior to coating. • If re-coating over floors previously coated with TIMBACARE WATER-BASED FLOORSHIELD, a light sanding followed by thoroughly cleaning is all that is necessary, before applying one or at most 2 coats of fresh TIMBACARE WATER-BASED FLOORSHIELD • For best results, finish the timber with fine sandpaper in the direction of the grain and ensure that all dust is removed from the surfaces, taking particular care to remove dust from spaces between boards etc. 	<p>SEMI-GLOSS FLOOR FINISHES</p> <p>IMPA TIMBERCARE FLOORSHIELD</p> <p>ISSUED DATE: JUNE 2014, REV 1</p>												
	<p>TECHNICAL DATA</p>												
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- **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.
- **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

NOTE

- Little of no stirring of the gloss version is required, but a good shake of the tin prior to opening is recommended.
- In the case of the matt version a good paddling of the contents with a flat stick or similar will ensure that the contents are well mixed.
- Insufficient mixing of the matt coating could result in the product being glossier or of uneven sheen; therefore care should be taken to mix well before use.

APPLICATION CONTINUE

- For best results apply using a good quality long-bristled brush. However, sponge applicators and short-pile rollers can also be used, taking care to apply light even coats at a time to prevent brush marks or streaking and bubbling. Squeegee application can also be used by those familiar with the method.
- **No dilution of the product should be made** and sufficient drying time should be allowed between coats.
- Being water-based the coating dries very rapidly and it is possible to apply all coats within the same day if conditions permit.
- A light sanding with fine sandpaper is recommended after the first coat to remove any fibers by the initial coat.
- Care should be taken to remove any dust between coats prior to application of the following coat.
- Normally three coats is sufficient, but on porous timbers an additional coat may be necessary to obtain the finish desired.
- Drying time between coats should be sufficient to allow the previous coat to feel dry to the touch. It will vary according to ambient conditions, but should be between 1 and 4 hours.
- **NOTE:** While the floor can be walked upon as soon as it feels hard and dry, it should be noted that the finished coating will attain its full hardness and wear-resistance within two to three days of application.
- 10 to 14square meters per liter per coat, depending on the porosity of the timber and the method of application.
- To prevent product hardening on paintbrushes and other equipment, clean immediately with cold or Luke-warm water.

6. PRECAUTIONS

- Application should be avoided in moist weather conditions.
- 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
- Extremely cold conditions will make the drying time longer.
- Paint in area where there is good ventilation.
- Containing inflammable solvents.
- **NOT SUITABLE FOR DECKS.**

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.