

<p>1.DESCRPTION</p> <p>Impa Floor-Thane is a single-pack urethane pre-polymer which cures (dries) by reaction with the ambient moisture present in the atmosphere. Impa Floor-Thane possesses properties previously available only in catalysed systems. Its abrasion resistance is in fact superior to two-pack floor coating systems.</p> <p>Impa Floor-Thane is designed for use on timber, cork, concrete and particle board floors. Impa Floor-Thane is also suitable for use on timber benches and bar tops, as its high degree of flexibility resists chipping or scratching.</p> <p>Impa Floor-Thane is supplied standard as a gloss finish. Impa Floor-Thane appears almost colourless when applied to timber and will darken slightly as it ages.</p> <p>2.PRODUCT ADVANTAGES</p> <ul style="list-style-type: none"> • Easy to apply • Fast drying time • Quick return to service • Can be brushed or roller applied • Excellent flow and leveling properties • Low viscosity formulation allows excellent penetration of concrete substrates • Good sealing characteristics • Excellent adhesion to substrate & subsequent coats • Up to three coats can be applied in one day, after which the floor can be used within 24 hours (depending on Ambient Humidity). This provides significant cost and convenience benefits. • Excellent for interior and exterior usage. 	<div> <div> HIGH PERFORMANCE FINISHES IMPAA FLOOR-THANE ISSUED DATE: JUNE 2014 REV 1 </div> <div> <div>TECHNICAL DATA</div> <table> <tr> <td>Product Code</td><td>FS 3113</td></tr> <tr> <td>Colour</td><td>Clear and Special colours</td></tr> <tr> <td>Appearance</td><td>Gloss</td></tr> <tr> <td>Shelf life</td><td>24 Months</td></tr> <tr> <td>Packaging</td><td>1L & 5L</td></tr> <tr> <td>Flashpoint</td><td>27 °C</td></tr> <tr> <td>Viscosity</td><td>KU/23°C</td></tr> <tr> <td>S.G (weight)</td><td>1.00 – 1.02 kg/l</td></tr> <tr> <td>Solids per volume</td><td>56– 60%</td></tr> <tr> <td>Practical Spreading rate (depending on porosity)</td><td>8 - 12m²/L per coat @ 25-35µm DFT</td></tr> <tr> <td>Recommended finishing coats.</td><td>2 Minimum</td></tr> <tr> <td> DRYING TIME Touch dry time Recoating Time Full Cure </td><td> 1-2 Hours at 23°C Minimum 2 and Maximum 8 Hours 7Days </td></tr> <tr> <td> APPLICATION Roller & Brush </td><td>Ready for use</td></tr> <tr> <td> Cleaning Mixing </td><td> IMPAA Xylene Thinners IMPAA Xylene Thinners if needed </td></tr> </table> </div> </div>	Product Code	FS 3113	Colour	Clear and Special colours	Appearance	Gloss	Shelf life	24 Months	Packaging	1L & 5L	Flashpoint	27 °C	Viscosity	KU/23°C	S.G (weight)	1.00 – 1.02 kg/l	Solids per volume	56– 60%	Practical Spreading rate (depending on porosity)	8 - 12m²/L per coat @ 25-35µm DFT	Recommended finishing coats.	2 Minimum	DRYING TIME Touch dry time Recoating Time Full Cure	1-2 Hours at 23°C Minimum 2 and Maximum 8 Hours 7Days	APPLICATION Roller & Brush	Ready for use	Cleaning Mixing	IMPAA Xylene Thinners IMPAA Xylene Thinners if needed
Product Code	FS 3113																												
Colour	Clear and Special colours																												
Appearance	Gloss																												
Shelf life	24 Months																												
Packaging	1L & 5L																												
Flashpoint	27 °C																												
Viscosity	KU/23°C																												
S.G (weight)	1.00 – 1.02 kg/l																												
Solids per volume	56– 60%																												
Practical Spreading rate (depending on porosity)	8 - 12m²/L per coat @ 25-35µm DFT																												
Recommended finishing coats.	2 Minimum																												
DRYING TIME Touch dry time Recoating Time Full Cure	1-2 Hours at 23°C Minimum 2 and Maximum 8 Hours 7Days																												
APPLICATION Roller & Brush	Ready for use																												
Cleaning Mixing	IMPAA Xylene Thinners IMPAA Xylene Thinners if needed																												

5. PRIMING

Impa Floor-Thane must be used as primer and this application must be thinned down by using 10% by volume of Impa Xylene Thinners before application. The over coating time for **Impa Floor-Thane** is minimum 2 and maximum 8 hours.

6. APPLICATION

Apply only when surface and air temperatures are between 10 and 30°C. Use a brush for cutting in edges and a 6mm Mohair roller with extension pole (or, if preferred, a lambs wool applicator) for broad areas.

Caution heavy/high film builds or puddles may result in bubbles on curing. Only apply in thin films (see below for spreading rate). **DO NOT POUR FLOOR-THANE DIRECTLY ONTO FLOOR or into cracks and joins.**

DRYING TIME:

Dry time will vary with temperature and atmospheric moisture. The following times are at 35°C and 50% humidity. Remember surface temperatures of floors may differ from the ambient temperature. Lower temperatures prolong drying times. Touch dry in 1 – 2 hours. Recoat able after 4 – 6 hours (see below). May be walked on after 4 – 6 hours. Maximum hardness reached in approx. 3-4 days. NOTE: Below 10°C curing time may be dramatically extended. We do not recommend application at temperatures below 10°C or if the surface temperature will remain below 10°C during the curing period. If low temperatures are unavoidable then heating must be used. Application at temperatures over 30°C is also not recommended

RECOATING TIMES:

Impa Floor-Thane can usually be recoated after 2 – 6 hours depending on temperature and atmospheric moisture content. To maximise inter-coat adhesion **Impa Floor-Thane** should be recoated within 8 hours it is not necessary to sand between coats ***unless the previous coat has not dried to a smooth, dust free finish.*** If more than 24 hours elapsed between coats, the surface should be sanded with 220 sandpaper & all sanding dust thoroughly removed.

HINT:

A final wipe with a clean, lint free cloth moistened with **Impa Xylene Thinners** will aid dust removal. The third coat should be applied 12-24 hours after the 2nd coat.

NOTE: Do not apply 3 coats within 1 day as solvent entrapment blisters may occur

7. CLEAN UP

Clean equipment with **Impa Xylene Thinners**. Between coats, brushes, rollers and trays should be scraped of excess **Impa Floor-Thane** and the rollers and brushes stored in **Impa Xylene Thinners**. Shake out excess thinners before using for next coat. Brushes and rollers are very difficult to clean satisfactorily and are generally discarded at completion of the job. Do not clean hands with solvents, use suitable hand cleaner.

8. SPECIAL NOTES:

This product dries by absorbing atmospheric moisture. Do not leave the lid off the can. Do not use the **Impa Floor-Thane** can as a paint pot. Pour as much product as you need for immediate use, into a tray or another clean dry container and reseal the can. Do not return any unused or tinted material to original container. Opened cans have limited storage life.

9. MAINTENANCE

Use quality dirt trap mats at exterior doorways to minimise sand and grit being tracked over surface. Sweep floors regularly. Clean floors with a damp mop or detergent and water or any non-solvent based, floor cleaner.

10. 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
- Extremely cold conditions will make drying time longer

- Paint in area where there is good ventilations
- Do not smoke while painting
- Use only recommended thinner
- Discard any mixed material left over from the previous day
- Avoid using solvent based cleaners when maintaining **Impa Floor-Thane**.

Environmental Health & Safety Information

DANGER! CORROSIVE! WILL CAUSE EYE BURNS AND PERMANENT TISSUE DAMAGE.

HARMFUL IF SWALLOWED. CONTAINS FREE ISOCYANATE . AVOID CONTACT WITH SKIN.

May cause permanent skin damage and severe respiratory system irritation. Use with adequate ventilation. Wear protective clothing, acid resistant rubber gloves and eye goggles. Avoid breathing spray mist. If properly used, a respirator may offer additional protection. FIRST AID: Eye and skin contact: In case of eye or skin contact, flush immediately with water for 20 minutes. Get medical attention if irritation or symptoms of overexposure persist. If inhaled, move to fresh air. If swallowed, DO NOT induce vomiting. Get medical attention immediately. Give water to dilute material in stomach. Never give anything by mouth to an unconscious person.

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**.

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.

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.