

1. DESCRIPTION

IMPA PREP 5.1 PRIMER is a **All Surface, All Purpose** 100% Hybrid resin blend, for Interior / exterior stain blocking, tile and plaster primer, universal undercoat and general purpose primer/ undercoat for virtually any surface.

2. FEATURES

- Fast drying – may be recoated in 4 hour
- Adheres to glossy surfaces without pre-sanding or de-glossing
- Rust inhibitive coating
- Resists mold and mildew on primer film
- High pH resistance (up to 12.5)
- Seals common graffiti stains
- Excellent enamel undercoat
- Compatible with oil or latex topcoats
- Clean up with soapy water
- Excellent **flow** and **leveling** properties
- **Apeo, formadeyde** and **ammonia** free.
- **Impa Mouldtech™** antibacterial, fungal and algae protection
- **Low VOC**

3. SUBSTRATE CONDITIONS

Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 14% WME**, measured using a PROTIMETER (or equally approved).

4. SURFACE PREPARATIONS

Ensure that all surfaces are dry, clean, and free of oil, grease, laitance and in accordance with above **SUBSTRATE CONDITIONS**. Treat imperfections with **RESTORE QUICKFILL** or by mixing **RESTORE MULTIPURPOSE CRACKFILLER 100** with **RESTORE FILLERMIX** and not water.

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Prime with **IMPA PREP 5.1 PRIMER**, **IMPA HYDROPRIME AR PLASTER PRIMER** or **IMPA NOVA SB AR PLASTER PRIMER** as supplied. Allow to dry for 4 hours @ 23°C. **Recoat after 8 Hours**

BRICKWORK - FACE, R.O.K'S AND CEMENT

- Where efflorescence occurs, wash down with a weak solution of **RESTORE BRICKCLEANER**, rinse with clean water and allow to dry.

SPECIALIZED PURPOSE

IMPA PREP 5.1 PRIMER

ISSUED DATE: JUNE 2014 REV1

TECHNICAL DATA

Product Code	PI 1050
Colour	White
Appearance	Low Sheen
Shelf life	12 Months
Packaging	1L & 5L
Flashpoint	Non Flammable
Viscosity	100 – 105 KU/23°C
S.G (weight)	1.22 – 1.23kg/l
Solids per volume	34 – 36%
Solids per mass	46%– 48%
VOC	
Theoretical Spreading rate	10 – 12m ² /L per coat (100μ wet film/45μ dry film)
Practical Spreading rate (depending on porosity)	8 – 10m ² /L per coat
Recommended finishing coats.	1
DRYING TIME	
Touch dry time	30 – 60 min at 23°C
Recoating Time	4 Hours at 23°C
Full Cure	4 – 7 Days
APPLICATION	
Roller & Brush	Ready for use
Spray	Dilute with clean water (Do not offer thin)
Cleaning Mixing	Warm water and soap Stir until homogeneous Stir occasionally during use

- Apply a primer coat of **IMPA PREP 5.1 PRIMER**, **IMPA HYDROPRIME AR PLASTER PRIMER** Allow to dry 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.** Or **IMPA NOVA SB AR PLASTER PRIMER** (for friable surfaces; dilute **IMPA NOVA SB AR PLASTER PRIMER** up to maximum 10% with **RESTORE TURPENTINE**) as supplied. Allow to dry for 4 hours @ 23°C. **Overcoat / Recoat after 8 Hour.**

New Gypsum Plaster (Rhinolite)

- **IMPA PREP 5.1 PRIMER** is **not made** for direct application to New Gypsum or friable surfaces. Ensure gypsum plaster is dry and of good quality, wipe down, i.e. the surface is hard and free of chalk. Moisture content must be **less than 15%**. Apply one (1) coat of **IMPA HYDROPRIME AR PLASTER PRIMER** or **IMPA NOVA SB AR PLASTER PRIMER** to all gypsum surfaces to be painted. Allow to dry for 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.**

NOTE if the chalky powder remains after wiping, **IMPA RENO WB BONDING LIQUID** must be applied in place of the **IMPA HYDROPRIME AR PLASTER PRIMER** to ensure the complete binding of the chalking gypsum plaster. Allow to dry for 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.**

PREVIOUSLY PAINTED SURFACES

BAD CONDITION

- High pressure water jet the entire surface. Ensure to remove all flaking and chalking paint. If algae is present, treat these areas with **RESTORE MOSS & MOLD KILLER** in accordance with product data sheet. Apply a full coat of **IMPA PREP 5.1 PRIMER**, **IMPA HYDROPRIME AR PLASTER PRIMER** as supplied. Allow to dry 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.** Or **IMPA NOVA SB AR PLASTER PRIMER** (For friable/chalky surfaces; dilute **IMPA NOVA SB AR PLASTER PRIMER** up to maximum 10% with turpentine). Allow to dry 8 hours @ 23°C. **Overcoat /Recoat after 12 Hours.**

GOOD CONDITION

- Wash area with **RESTORE SUGAR SOAP** or High pressure wash the entire surface, allow drying and apply **IMPA NOVATEX MEDIUM** directly.

ENAMEL & GLOSSY SURFACES

- Adheres to glossy enamel paints and clear finishes, Formica®, Masonite®, PVC, fiberglass, vinyl – even ceramic tile – without pre-sanding or surface de-glossing. Allow to dry for 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.**

5. APPLICATION

- Ready to use - no dilution necessary. In most cases only one coat is necessary. Porous surfaces may require two coats for a proper seal. Prime entire surface for best results.

6. 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
- Pay attention to the preparation of surfaces
- Preferable not for direct application to new surfaces.
- To ensure that colour on a project are consistent, check that batch numbers are the same. Should the batches numbers differ please “box” the paint box the paint before using it
- Is not intended for blocking heavy water-stains or for application to floors, decks, roof surfaces or any surface subject to immersion or prolonged contact with water.
- Friable and powdery surfaces require special care before painting- if in doubt contact **Impa Advisory Service**
- These limitations not to be construed as all Inclusive

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE ORETHYLENE 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 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 is reserved.