

1. DESCRIPTION

Impa Reno AR Plaster Primer is fine particle size water borne Hybrid acrylic with excellent alkali, water resistance and adhesion. **Impa Reno AR Plaster Primer** is white and has been formulated as a primer for gypsum plaster (Rhinolite) or cement plaster, especially for application to new plaster.

Impa Reno AR Plaster Primer is formulated using the latest environmentally friendly technology one of the first products of its kind in South Africa.

2. FEATURES

- Alkali and Water Resistant
- Excellent adhesion
- Does not require any subsequent undercoats when used on smooth, even textured plaster.
- Latest H₂O Technology for green products.
- **No** Maximum over coating time limitations as for solvent base primers
- **Less moisture sensitive than solvent base primers**
- **Apeo, formaldehyde and ammonia free.**
- **Zero VOC**

3. SURFACE PREPARATIONS & APPLICATIONS

New Gypsum Plaster (Rhinolite)

- 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%**. **NOTE** if the chalky powder remains after wiping, **Impa's Site WB Bonding Liquid** must be applied in place of the **Impa Reno AR Plaster Primer** to ensure the complete binding of the chalking gypsum plaster.
- Apply 1 coat of **Impa Reno AR Plaster Primer** to all gypsum surfaces to be painted. Allow to dry for 2 hours @ 25°C.
- **Overcoat /Recoat after 8 Hours.**
- Apply two coats of the top coats of your choice. Allow to dry between coats

WATER BASED MATT FINISHES

IMPA RENO WB AR PLASTER PRIMER

ISSUED DATE: JUNE 2014 REV 1

TECHNICAL DATA

Product Code Colour	RE 1022 Off White
Appearance Shelf life Packaging Flashpoint	Matt 12 Months 5L & 20L N/A
Viscosity S.G (weight) Solids per volume Solids per mass VOC	105 – 110KU/23°C 1.43 - 1.48kg/L 39 - 42% 57 - 60%
Practical Spreading rate (depending on porosity) Recommended finishing coats.	6-8m ² /L per coat 1
DRYING TIME Touch dry time Recoating Time Full Cure	 1 – 2 Hour at 23°C 8 Hours at 23°C 4-7 days
APPLICATION Roller & Brush (mohair preferred) Spray	 Ready for use. Dilute 5% with Clean Water if used as a primer or on flaking surfaces. Dilute with Clean Water
Cleaning Mixing	 Clean immediately after use with water & soap Stir until homogeneous Stir occasionally during use.

New Cement Plaster

- Ensure Cement plaster is dry and of good quality. Poor quality Cement plaster (plaster that continues to release loose particles when brushed) must be sealed using **Impa WB Bonding Liquid** and not **Reno AR Plaster Primer**.
- Apply 1 coat **Impa Reno AR Plaster Primer** to new plaster to be painted. Allow to dry or 8 hours @ 25°C. Overcoat with 2 coats of the top coat of your choice.

NOTE: Should a desirable finish be achieved after application of the **Reno AR Plaster Primer**, simply over coat with 2 coats of top coat of your choice

WHERE IMPA RENO WB AR PLASTER PRIMER SHOULD BE USED:

In Non-Coastal Regions:

Impa Reno AR Plaster Primer should be used on new good quality plaster below D.P.C and after the application of **Impa's Silicon Water Repellent** to stop rising damp.

All plaster in other areas can then be sealed with **Impa's Site Sealer** or primed with **Impa Reno WB AR Plaster Primer** before painting. **Both** is enviro friendly and gives excellent adhesion of undercoats and top coats to new plaster.

In Coastal Regions:

After the applications of **Impa Silicon Water Repellent** to plaster below D.P.C, all plaster (even plaster treated with **Impa Silicone Repellent**) must be primed with 1 coat of **Impa Reno WB AR Plaster Primer** before the application of undercoats of topcoats.

PLEASE NOTE: **Impa Site Sealer** can be used on new plaster at the coast, in fact, under bound plaster a coast will have to be either sealed with **Impa Site Sealer** or removed and replaced.

4. 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
- Resistance to oil, fats and solvents. e.g. Xylene is poor
- Surfaces should not be painted during wet and damp weather.
- **Moisture content must be less than 15% for all types of plaster.**
- **Being a water base primer, film hardness/full curing is only reached after 5-7 days at 23°. Although over coating can be done after 8 hours.**

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.