

# insta care **NANOSEAL**

## ULTRA PU WATER PROOF elastomeric sealer

### EXTERIOR AND INTERIOR



Apollo Paints Instacare NanoSeal Ultra PU is a high-performance Water Proof Elastomeric Sealer formulated with advanced PU hybrid polymers for interior and exterior surfaces. NanoSeal Ultra PU provides an exceptional water-proof coating with good tensile strength, ensuring superior protection against moisture ingress.

#### PERFORMANCE FEATURES:

It resists surface alkalinity up to pH 12.0 and has been specially formulated for application on manufactured sand and fresh plaster. It resists efflorescence and provides excellent waterproof sealing property to the surface of application.

#### USP:

- ✓ PU Hybrid Technology
- ✓ Elasto Membrane Technology
- ✓ Silicon Enriched
- ✓ Efflorescence Resistant.
- ✓ 100% Water Proof

#### USAGE AREA:

All Interior and Exterior cement plastered surfaces.

#### AVAILABLE PACK:

20,10,4 & 1 Liter.



#### DIRECTIONS FOR USE:

##### SURFACE PREPARATION:

**New Surfaces** – Freshly plastered surfaces should be allowed to cure completely. Ensure the plaster is completely dry and thoroughly clean, free from any dust, flakes and dampness, etc. Make sure that all water leakages/seepages are repaired before painting.

**Previously painted surface** - Remove all loose particles, powdery material or defective paint by thorough wire brushing, scraping and water jetting (if required).

**\*In both the above-mentioned cases (Fresh Painting & Repainting), any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire brushing & cleaning with water.**

##### FILLING:

- ✓ **CRACKS:** For filling cracks, up to 3mm use Apollo's InstaCare Crack Lock.
- ✓ **For Holes & Dents:** In case of dents and holes use Apollo's Wall Grace White Cement based putty or combination of white cement and fine sand in the ratio 1:3.



##### APPLICATION:

After cleaning surface, apply a coat of Insta Care NanoSeal Ultra PU mixing with potable water; with the recommended dilution as instructed below. Allow to dry for a minimum period of 4 hours before applying the subsequent coats of finish paint.

##### DILUTION:

For Interior surfaces dilute 1 litre of NanoSeal Ultra PU with 1 litre of potable water. For Exterior surfaces dilute 1 litre of NanoSeal Ultra PU with 500ml of potable water.



#### COVERAGE \*\*

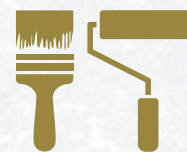
On Cement Plastered surface	Number of Coats	Coverage
By Brush / Roller Application	Single Coat:	Interior Surface
		Exterior Surface
		140 – 150 sq ft/ltr
		110 – 120 sq ft/ltr

\*\*Coverage depends on many factors like surface conditions, surface preparation, application skill, weather conditions, dilution etc. The coverage mentioned is under ideal conditions and will vary depending on site conditions



#### TECHNICAL DATA:

1	Thinning	Potable Water
2	Thinning Ratio	1:1 Ratio for Interior / 1:500ml for Exterior
3	Thinning Ratio for Vibrant/ Dark shades	NA
4	Method of application	Brush / Roller
5	Drying Time	SD:3-4 minutes
6	Pot life of thinned material	Use within 24hrs
7	Gloss Level	5 - 6 @ 60° GH
8	Flash Point	100% water-based paint, hence NA
9	Recommended Surface	All Interior and Exterior cement plastered surfaces.
10	VOC (gm/ltr)	Meets the LEEDS VOC criteria as per Indian Green Building Council Version 1.0
11	Fire Hazard Class	Non - flammable
12	Safety Data	Refer MSDS



Brush / Roller



Non - flammable



IGBC

Meets the LEEDS VOC criteria as per Indian Green Building Council Version 1.0

**Shelf life:** 3 years from date of manufacture in original tightly closed containers. Keep the container away from direct sunlight and excessive heat.

#### SAFETY MEASURES:

- ✓ Keep out of reach of children and away from eatables.
- ✓ Please refer to the product related MSDS which is available on request.
- ✓ May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- ✓ Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- ✓ In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- ✓ Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- ✓ Do not pour leftover paint down the drain or in water courses.
- ✓ No added Lead, Mercury or Chromium compounds.

#### PRECAUTIONS

- ✓ Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs. of application.
- ✓ Do not apply when humidity is greater than 90%. It may cause prolonged drying time of paint and moisture condensation on the walls.
- ✓ In high humidity areas, use of a Bio-wash solution is recommended to remove surface fungus growth, fungal spores, mould, etc. before application of the paint system.
- ✓ Stir well & strain before use. Tinted paints need thorough shaking immediately after tint added as well as before use.
- ✓ For best performance, ensure that the surface is dry. The moisture level on the wall should be less than 12%. If the moisture level is more than the recommended level. Find out the source of water and address it before painting.
- ✓ Use diluted materials within 48 hours
- ✓ Keep the left-over paint container tightly closed to prevent drying.

#### SPECIAL NOTE \*

Before painting the following things should be checked thoroughly:

1.pH value of the wall surface (Ideal condition between 7-10).

2.Moisture content of the wall (Ideal condition –below 10-12%).

If these are violated, Company will not be responsible.

\*As per test conducted at Apollo R&D.

#### DISCLAIMER:

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on suitability of products meeting their requirements prior to full scale usage of our products. Since the correct identification of problems, quality of other materials used and on- site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results arising from the use of our products.