

Damp Seal XT Primer

PRODUCT DESCRIPTION

Damp Seal XT Primer is a high-quality Nano technology-based product formulated using a special type of emulsion which protects the wall by providing resistance against water seepage. This primer seals the small pores in the plaster thus preventing water from entering and leaves the wall damp-free and salt-free for a long time. This primer enables a strong bond between the surface and the paint which increases the durability of the paint system.

Indigo Damp sealXT primer has resistance to water penetration of up to 3 Bar positive hydrostatic pressure when tested as per DIN 1048 standard.



PERFORMANCE FEATURES & BENEFITS

- 5 year warranty**
- Exhibits Damp resistance & anti-efflorescence properties.
- Excellent penetration on porous surfaces imparting superior adhesion.
- Excellent Water and Alkali resistance
- Good adhesion on masonry & cementitious surface.
- Acrylic fibre provides strong reinforcing.

FINISH

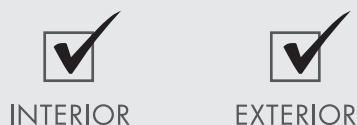
NA **MATT** GLOSS

WASHABILITY

NA LOW MEDIUM HIGH

RECOMMENDED USES

AREA



SURFACES

Masonry - Concrete, plastered walls etc.

APPLICATION DETAILS & SURFACE PREPARATION

MIXING



Stir well before use

TOOLS



Brush

THINNING



Water

THINNING RATIO

Refer Application Procedure

MIXING RATIO

NA

SURFACE DRYING TIME



Surface dry in 30 mins

APPLICATION ENVIRONMENT



Temperature:
10-40 degree celcius.
Humidity below 70%

FILLING



CLEANING



Clean the surface of loose paint, dust, grease etc. Use a wire brush and high pressure wash to remove all contaminants, algae growth especially on horizontal areas, sunshades and such areas prone to water stagnation. Allow to dry. Damaged areas must be repaired and leaks / cracks, if any, should be fixed before painting.

SURFACE PREPARATION



For newly plastered surfaces allow 3-4 weeks curing time prior to painting.

APPLICATION



For exterior (Vertical surfaces) : 1. Dilute Damp Seal XT primer 10% using clean water (1 litre paint : 100ml water). Apply a self-priming coat. Coverage to be maintained between 7-8 sqm / L. 2. Allow 4 hours of drying time. 3. Apply 1 coat of Damp Seal XT primer without dilution achieving a coverage of 7-8 sqm / L. Allow 4-6 hours drying time. 4. Apply two coats of any Indigo Exterior Emulsion.

For exterior (Horizontal surfaces) : 1. Dilute IP Damp Seal XT primer 30% using clean water (1 litre paint : 300ml water). Apply a self-priming coat. Coverage to be maintained between 5-5.5 sqm / L. 2. Allow 4 hours of drying time. 3. Apply 2 coats of Damp Seal XT primer without dilution achieving a coverage of 3 sqm / L for each coat. Allow 4-6 hours drying time. 4. Coverage for the entire system should be maintained between 1.2-1.5 Sqm / L. 5. Ensure that the edges of the horizontal floor / roof including the parapet walls are coated to ensure a continuous paint film.

For Interior Surfaces - 1. Apply a self-priming coat of Damp Seal XT Primer without dilution. Coverage to be maintained between 8-9 sqm / L. 2. Allow 4 hours of drying time. 3. Apply a thin coat of Acrylic putty if required & allow it to dry. 4. Apply a coat of Indigo WTCP Primer. Allow it to dry. 4. Apply two coats of any Indigo Interior Emulsion.

SAFETY FEATURES



Non- flammable
No added Lead,
Mercury or
Chromium compounds

TECHNICAL DATA

Coverage	For Exterior (Vertical Surfaces) Self Priming - 7-8 Sqm / L 2 coats - 3.5-4 Sqm / L For Exterior (Horizontal Surfaces) Self priming coat - 5 sqm / L 2 coats - 1.2 sqm / L
Drying Time	4-6 hrs
Sheen level	NA
Flash point	NA
Stability of thinned paint	24 hours
Appearance	Viscous liquid
Solids	51%
Specific gravity	1.44
Recommended DFT	to maintain coverage as mentioned
Viscosity	1500 cp @ by stromer viscometer
Shelf life	36 months
Contrast ratio	NA

**Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application as well as surface roughness.*

PRECAUTIONS

1. Moisture content of the wall should not be greater than 40%
2. New plaster allowed to cure for 4 weeks.
3. Major leaks & cracks should be corrected before painting.
4. Do not apply directly on surfaces that have been lime washed.
5. Ensure all traces of algae & fungi are removed before painting.

POST APPLICATION INSTRUCTIONS

Overcoat with two coats of appropriate top coat

AVAILABLE PACK SIZE

Available in:



SHADE RANGE

White



INDIGO
Be surprised!

FOR BEST RESULTS

FOR EXTERIOR EMULSIONS / PRIMERS

- Stir well and strain before use.
- Do not apply paint when ambient temperature is below 10°C or higher than 45°C or there are chances of such temperature within 4 hours of application.
- Ensure the surface/walls to be painted has dried properly. For new surfaces ensure the plastered walls have cured for 6-8 weeks before painting.
- Remove loose / flaky paint.
- Remove all traces of algae fungus dust & dirt by using a pressure wash and wire brush. It is essential that all traces of contaminants are removed properly for longer life of the new coating. Areas with heavy algae growth will need to be treated with a bio wash after thorough cleaning.
- Leaks, if any, must be traced and treated. Any source of constant dampness leads to accelerated growth of algae/fungus.
- Cracks to be sealed. Non-structural cracks can be sealed using a good quality crack seal. For structural cracks take the advice of a Structural engineer.
- Check for efflorescence (white dust on rubbing the wall with your hand). If present should be treated with an anti-efflorescence primer like Indigo WT Sealer Primer. If this is not treated then the new coating being applied will have inferior adhesion.
- Ensure that Indigo Paints tinting machine and machine colourants have been used to produce the shade selected. Ensure that tinted paints are mixed thoroughly.
- Ensure painting is completed before rains. Exposing primer coat or primer coat plus one topcoat to the rain will adversely affect the performance of paint system.
- Always ensure three coats of the topcoat on sunshades and horizontal surfaces. Also ensure the horizontal surfaces are coated first before the vertical to avoid streak marks.
- Do not overthin the paint. And always use good quality water for thinning, chlorinated water is not recommended.
- Thinned paint must be consumed within 24 hours of dilution, after which there are high chances of bacterial growth.
- When using colours that have been tinted in different batches of any emulsion, it is always advisable to mix the batches together and then apply the colour at site. There may be very small variations in colour between batches and this may be more evident when applied side by side or during touch up.
- Dark colours in emulsions are tinted using clear bases, hence the hiding of these shades will be inferior when compared to lighter shades (shades tinted in the first base). Such dark shades may require three-four coats, without dilution, to ensure proper hiding OR the primer will have to be tinted in this shade, followed by two-three coats for proper hiding.
- Only fine (using less pressure) sanding should be done over Polymer Putty & Waterproof Polymer Putty, using abrasive paper grit no.120 or higher. Sanding using rough emery paper or high pressure will break the polymer film formed & lead to adhesion/water repellancy issues.
- Paint should not be applied as a thick coat, especially in corners.

FOR INTERIOR EMULSIONS / PRIMERS

- Stir well and strain before use.
- Do not apply paint when ambient temperature is below 10°C or higher than 45°C or if there are chances of such temperature within 4 hours of application.
- Ensure the surface/walls to be painted has dried properly. For new surfaces ensure the plastered walls have cured for 6-8 weeks before painting.
- Sources of leak must be identified, fixed and allowed to dry completely before painting.
- During repainting, all loose, flaky material must be removed and the walls cleaned before application of fresh paint.
- Sheen emulsions have a tendency to reflect light, hence the surface must ideally be free of undulations to the extent possible for best results. Otherwise, all the undulations/uneven areas in the wall will be highlighted when light reflects off the wall.
- In case of Premium, Luxury emulsions and Acrylic Laminate, if masking tape is used to separate the areas being painted then the masking tape must be removed immediately after application, when the paint is still wet. Else there are chances of the paint peeling off along with the tape.
- Always ensure primer is applied over putty before application of the topcoat. This will ensure a more even finish and also improve coverage of the topcoat.
- Ensure that Indigo Paints tinting machine and machine colourants have been used to produce the shade selected. Ensure that tinted paints are mixed thoroughly.
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- If unused paint is to be stored, then it must be not be diluted with water. It must be stored in an undiluted condition in an air tight container and kept in a cool and dry space. If the emulsion has been diluted with water, then it must be used within 24 hours.
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