

# Aquashield

## PRODUCT DESCRIPTION

Indigo Aquashield is a ready-to-use versatile masonry waterproofing / anti-dampness and anti-efflorescence solution for interior surfaces. Indigo Aquashield easily penetrates small pores in the plaster and prevents water from entering, leaving the wall free from dampness & salt for a long time. It resists water penetration to 4 bars negative hydrostatic pressure (ASTM D7088)



## PERFORMANCE FEATURES & BENEFITS

- 3 Year Waterproofing Warranty
- Resists negative hydrostatic pressure of upto 4 Bars (ASTM D7088)
- Protection from efflorescence
- Penetrative coating that seals the pores thus preventing movement of moisture

### FINISH

NA

MATT

SATIN

### WASHABILITY

NA

LOW

MEDIUM

HIGH

## RECOMMENDED USES

### AREA



INTERIOR



EXTERIOR

### SURFACES

Masonry - Concrete,  
Plastered Walls etc.

\*\*refer warranty documents for more details. Conditions apply

**APPLICATION DETAILS & SURFACE PREPARATION**

**MIXING**



Stir well & Strain before use

**TOOLS**



Brush

**THINNING**




NA

**THINNING RATIO**

NA

**SURFACE DRYING TIME**




Surface Dry in 30 Min.

**FILLING**



Refer Application Procedure

**APPLICATION ENVIRONMENT**




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

**SAFETY FEATURES**



Non- flammable  
No added Lead, Mercury or Chromium compounds

**SURFACE PREPARATION**




Surface cracks less than 3mm must be filled with Indigo Crack Heal Paste. If cracks are bigger then use a mixture of cement and fine sand in the ratio 1:3 by volume.

**CLEANING**



Clean the surface of loose paint, dust, grease etc. Use a wire brush and high pressure wash to remove all contaminants, algae growth. Allow to dry.

**APPLICATION**



**For New Surfaces:**

1. For newly plastered surfaces allow 3-4 weeks curing time prior to painting.
2. Apply two coats of Indigo Aquashield without dilution, with a forced coverage of 3.8 to 4.9 Sq.m / L and an intercoat interval of 4-6 hours.
3. For a smooth finish apply two coats of Indigo Polymer OR Waterproof putty followed by a coat of Indigo WTCP Primer.
4. Apply two coats of the desired topcoat.

**Repainting (Surface in good condition)**

1. Sand the surface with abrasive paper grit no.180.
2. Apply a single coat of Indigo Aquashield without dilution, with a forced coverage of 3.8 to 4.9 Sq.m / L.
3. Allow 4-6 hours of drying time. Indigo Polymer Putty / Waterproof Putty can be applied if required, followed by a coat of Indigo WTCP Primer. Apply two coats of the desired topcoat.

**Repainting (Surface in poor condition / affected by dampness\*\*/ Efflorescence)**

1. Remove all traces of previous coating till plaster in the affected areas become visible.
2. For best results extend the same treatment for upto 1 feet beyond the affected area.
3. Apply a coat of Indigo Aquashield without dilution, with a forced coverage of 3.8 to 4.9 Sq.m / L.
4. Allow 4-6 hours of drying time. Apply a second coat with the brush movement perpendicular to the first coat with a forced coverage of 3.8 to 4.9 sq.m / L and allow 4-6 hours of drying time.
5. Indigo Polymer Putty / Waterproof Putty can be applied if required, followed by a coat of Indigo WTCP Primer.
6. Apply two coats of the desired topcoat.
7. Note: Topcoat must never be applied directly on Indigo Aquashield



## TECHNICAL DATA

<b>Coverage</b>	1 Coat - 3.8 - 4.8 Sq.m / L
<b>Drying Time</b>	4-6 hours
<b>Sheen level</b>	NA
<b>Flash point</b>	NA
<b>Stability of thinned paint</b>	NA
<b>Appearance</b>	Viscous Liquid
<b>Solids</b>	NA
<b>Specific gravity</b>	1.06±0.02 g/cc
<b>Recommended DFT</b>	NA
<b>Viscosity</b>	NA
<b>Shelf life</b>	24 months
<b>Contrast ratio</b>	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. New plaster allowed to cure for 4 weeks.
2. Major leaks & cracks should be corrected before painting.
3. Do not apply directly on surfaces that have been lime washed.
4. Indigo Aquashield is not designed for application over putty, over brick & surfaces with moisture levels >70%.
5. Topcoats must never be applied directly on Indigo Aquashield
6. Ensure Indigo Aquashield covers the affected area completely and preferably up to 1 feet on all sides of the affected area and also fills the pores completely.

## POST APPLICATION INSTRUCTIONS

## 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 heave 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.
- 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.
- 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.
- 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.