

Royal Indigocem

PRODUCT DESCRIPTION

Royal Indigocem is a Premium quality waterproof cement paint. Its formulation results in easy mixing, excellent hiding, and excellent resistance to fungal & algal growth, Proper application of Royal Indigocem results in extra durability and longer life.



PERFORMANCE FEATURES & BENEFITS

1. Good coverage & hiding
2. Higher cement content for better durability
3. Specially formulated using light fast pigments & water repellent chemicals.

FINISH

MATT

GLOSSY

WASHABILITY

NO

LOW

MEDIUM

HIGH

RECOMMENDED USES

AREA



INTERIOR



EXTERIOR

SURFACES

Cement plasters, Asbestos sheets, Concrete, Brickwork, etc

APPLICATION DETAILS & SURFACE PREPARATION

MIXING



Add 2 parts of Royal Indigo Cem and one part of water. Stir well using a good stirrer or with hands to get a thick creamy paste. Add another volume of water to get brushable consistency.

TOOLS



Brush

THINNING



Water

THINNING RATIO

100% by weight (Add water in two stages. First 50% till thick paste is formed, followed by balance.)

SURFACE DRYING TIME



Surface dry in 30 minutes

FILLING



Indigo Polymer Putty

APPLICATION ENVIRONMENT



Temperature: 10-40 Degree
Humidity: Below 80%

CLEANING



Clean the surface of loose paint, dust and grease by sanding with emery paper. Wipe clean with a soft cloth.

SURFACE PREPARATION



Allow 3 months curing prior to painting for newly plastered surfaces. Sprinkle the surface with water.

APPLICATION



Prepare the mix as per instructions given under Mixing. Apply 2 coats of Royal Indigocem using brush with 8-10 hours drying between coats. Each application should be wetted after at least 8-10 hrs. with fine water spray depending upon climate conditions. Curing should be done with clean tap water from bottom to top direction. Properly cured cement paint forms an integral part of the surface by forming a strong bond with it and continues to harden day by day. To ensure proper setting of Royal Indigocem, after the second coat, spray clean water on the painted surface twice a day in hot dry weather for at least 2-3 days.

SAFETY FEATURES



Non-flammable
No added Lead, Mercury or Chromium compounds

Spray application: Air-assisted spray application at pressure 25 - 30 psi

* Recoat period is quoted for 25° C and 50% Relative Humidity; these may vary under different conditions.

TECHNICAL DATA

Coverage	1st Coat: 4 - 7 sqm/kg* 2nd Coat: 2 - 3 sqm/kg*
Drying Time	8-10 Hrs
Sheen level	NA
Flash point	NA
Stability of thinned paint	NA
Appearance	NA
Solids	NA
Specific gravity	NA
Recommended DFT	NA
Viscosity @25°C by stormer Viscometer	NA
Pot life	NA
Shelf life	24 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. Proper pre-wetting and curing should be carried out before painting. 2. After mixing with water, the cement paint should be applied within two hours. 3. The use of white cement or any other local cement paint as a base coat is not recommended. 4. Royal Indigo Cem should not be applied on the surfaces painted with lime, oil paint and other glossy surfaces. Such surfaces must be scrapped and cleaned properly and a coat of cement primer should be used before application of Flora Cem. 5. Over dilution and under dilution of the paint should be avoided as doing so may result in shade variation. In former case and low coverage or flaking in the later case. 6. Royal Indigo Cem is available in powder form ready to use. No intermixing of shades or addition of other additives should be done as it affects the properties. 7. Store Royal Indigo Cem packing in a dry place and properly tied up. It may deteriorate on catching moisture from air if left open.

POST APPLICATION INSTRUCTIONS

N.A.

AVAILABLE PACK SIZE

Available in:



SHADE RANGE

As per Shade Card



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.
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