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PRODUCT DESCRIPTION

Nanokool Water-Based Exterior Emulsion from Bubbl Paints is a high-performance paint powered by NanoThermal Inhibitor (NTI) Technology. It reduces heat transfer, improves energy efficiency, and provides long-lasting protection against microbial growth, including algae and fungi, resulting in durable and weather-resistant exteriors.

KEY BENEFITS & FEATURES



NTI TECHNOLOGY: Advanced Heat and Energy Management

Bubbl Paints NanoKool Exterior Emulsion, powered by NanoThermal Inhibitor (NTI) Technology, is designed to reflect up to 90% of solar heat, reducing exterior surface temperatures and minimizing heat transfer indoors. With a low thermal emittance of 0.5, it keeps interiors cooler, helping reduce air conditioning costs by up to 15–35%. This innovative technology not only improves comfort but also supports energy efficiency and sustainability.

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RECOMMENDED USAGE

Nanokool Water-Based Exterior Emulsion from Bubbl Paints is ideal for exterior surfaces of residential, commercial, and architectural buildings. It offers superior protection against harsh weather conditions while maintaining a high standard of durability and heat resistance.

RECOMMENDED SYSTEM FOR APPLICATION



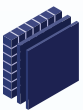
STEP 1

Putty Application: Apply putty to fill in any cracks or uneven areas on the new masonry surface. Allow the putty to dry for approximately 6-12 hours to ensure it is fully set.



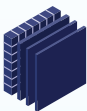
STEP 2:

First Coat - Nanokool Bubbl Paints Emulsion (1 coat): Once the putty is dry, apply the first coat of Nanokool Water-Based Exterior Emulsion Paint. Since Bubbl Paint is self-priming, this acts as both a primer and a base coat. Allow this coat to dry for approximately 2 hours.



STEP 3:

Second Coat: After the first coat has dried, apply the second coat of Nanokool Bubbl Paints. Wait for 4-6 hours before applying this coat.



ADDITIONAL COATS FOR OPACITY:

If needed, apply a third coat, ensuring to wait 4-6 hours of drying time between each application until the desired opacity is achieved.

This ensures a premium finish with long-lasting colour.

For Reapplication on Smooth Lime/Distemper/Emulsion/Enamel Masonry Surfaces

If the surface is in good condition and free from cracks, you can skip Step 1 (putty application) and proceed directly to Step 2 and Step 3












Puthu strength Puthu colour

SURFACE READINESS

- 1 First, ensure the surface is clean, dry, and free of loose particles, dirt, grease, or moisture. Use a wire brush to remove any fungal or moss growth, and clean with water to remove residues. If the surface has old, flaking paint, use a stiff brush or water jet to clear it. Allow freshly plastered walls to cure for the recommended period, approximately between (4-12) weeks, before painting.
- 2 Next, inspect the surface for cracks or uneven areas. Apply putty where needed to level and smooth the surface. Let the putty dry for approximately (6-12) hours.
- 3 Once the putty has dried, sand the surface with coarse sandpaper (Emery 180) to even out any rough patches, followed by finer sandpaper (Emery 320) for a smoother finish. After sanding, clean the surface thoroughly. Before use, stir the paint thoroughly. Dilute with clean water, depending on the surface type and colour chosen. The first coat of Nanokool Bubbl Paints, which acts as both primer and paint, can be applied directly.
- 4 Allow the first coat to dry for about 2 hours. Apply one or two more coats as needed, waiting (4-6) hours between coats. For dark shades or more porous surfaces, additional coats may be required to achieve full coverage.

TECHNICAL DATA

-  **COVERAGE*****
18-22sq.mtr/ltr/coat, when applied on normal masonry surface by brush
-  **DRYING TIME**
Surface Dry: 2 hours, generally 30 minutes
-  **CONSTRUCTION INTERVAL OF TINTED TOPCOAT**
4-6hrs.(@23°±2°C & RH 50±5%)
-  **FINISH**
Premium Sheen
-  **THINNING**
10-60% by volume using water
-  **FLASH POINT**
NA
-  **STABILITY OF THINNEED PAINT**
Use within 24 hrs
-  **DRY FILM THICKNESS (IN MICRONS) / COAT**
30 : Brush
30 : Roller
-  **WASHABLE**
High

*** Actual coverage may vary depending upon the method & condition of application, surface condition, temperature, wind velocity, application skills, surface roughness, surface porosity, & shade.



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PRECAUTIONS



- For detailed safety guidelines and precautions, refer to the product's safety data sheet (SDS).
- Store in a cool, well-ventilated area, away from direct sunlight and any potential ignition sources.
- Keep the product out of the reach of children.
- In case of eye or skin contact, rinse with plenty of water.
- Avoid inhalation and accidental ingestion. If exposed, move to a well-ventilated area and seek medical attention if necessary.
- Do not apply when ambient temperature might drop to level below 10°C within 4 hours of application.
- Allow newly plastered surfaces to cure for at least 4 to 12 weeks before painting.
- Do not over-thin the product to maintain its performance.
- Seal the container tightly when not in use. Stir well before use.
- Wear appropriate protective equipment, such as gloves, safety glasses, and a mask, during application.



SAFETY FEATURES:

Non-Flammable.



PACK SIZES:

1 ltr, 4 ltrs, 10 ltrs, & 20 ltrs.



SHADE RANGE:

As per Bubbl Paints Colour Deck & Shade Card



NO. OF SHADES AVAILABLE:

2400

POST - APPLICATION INSTRUCTIONS

To maintain optimal paint performance, thoroughly clean and remove any algae or fungal growth every six months.

Disclaimer

Bubbl Paints Nanokool Water-Based Exterior Emulsion is formulated with low VOC content, providing an eco-friendly and low-odour solution. This low VOC level applies primarily to the base paint, though VOC levels may slightly increase with the addition of colourants, but remain within safe regulatory limits. The product has been rigorously tested for antibacterial properties, ensuring enhanced safety and long-lasting protection for your exterior surfaces. Proper surface preparation is crucial for achieving optimal results. The company is not responsible for product performance when applied to surfaces that are inadequately prepared, damaged, or compromised. It is recommended to conduct a small test application to confirm the product's suitability for specific surfaces and conditions before full-scale application.

The company shall not be held liable for factors beyond its control, such as adverse weather conditions, improper application techniques, structural defects, or the use of inferior materials other than our products. Warranty / Guarantee clauses will be adjusted accordingly.