



## Nexa HD Exterior Emulsion

### PRODUCT DESCRIPTION

Nexa HD Exterior Laminate That Can't Get Dirty or Wet Using ground-breaking technology, the paint film is made to be very smooth, dirt-resistant, and water-resistant all in one product. The paint film fills in the tiny cracks, stopping water from getting in and making the surface waterproof. It is also very resistant to UV light and has very powerful.

### PERFORMANCE FEATURES & BENEFITS

- DIRT proof film: Nano particle technology that is one of a kind
- Waterproof film has a great ability to stretch to cover small cracks.
- It lets water vapor through well: the coating is breathable and sticks to masonry very well.
- High sheen: for a glow and elegance that lasts.
- Great protection from UV rays, so colors don't fade.
- Excellent Anti fungal / Anti Algae protection and Alkali resistance

### FINISH

MATT

**SHEEN**

### WASHABILITY

NO LOW MEDIUM

### RECOMMENDED USES

#### AREA

☐ INTERIOR

☒ EXTERIOR

#### SURFACES

Masonry - Concrete, plastered walls etc.

### APPLICATION DETAILS & SURFACE PREPARATION

#### MIXING



Stir well & stain before use.

#### TOOLS



Brush, Roller & Spray gun

#### THINNING



Water

#### FILLING



Wonder paints Polymer Putty or Acrylic Wall Putty

#### THINNING RATIO

Brush Application:  
40% by Volume  
Roller Application:  
10-15 by Volume

#### APPLICATION ENVIRONMENT



Temperature:  
10-40 Degree celcius.  
Humidity below 80%

#### SURFACE DRYING TIME



Surface Dry in 30 Min

#### CLEANING



Clean the surface of loose points, dust, oil, and so on. Remove all pollutants and algae growth using a wire brush and high pressure wash, focusing on horizontal surfaces, sunshades, and other locations prone to water stagnation. Allow to air dry

#### SURFACE PREPARATION



For surfaces that have just been plastered, wait 3-4 weeks before pointing. If there are any leaks or holes, they should be fixed before pointing. Put on two drops of Wonder Paints Polymer Putty and let it dry. Put a little bit of Wonder Paints Exterior Wall Primer on the wall and let it dry.

#### APPLICATION



Apply 2 coats of Wonder Paints Dirtproof and Waterproof Exterior Laminate, which you can get by mixing 400 ml of water with 1lre of point. 3 coats are recommended for horizontal surfaces like ledges, sunshades, etc. Allow 4-6 hours interval between coats

#### SAFETY FEATURES



Non-flammable  
No added lead, mercury or Chromium compounds

TECHNICAL DATA	
<b>Coverage</b>	1 Coat: 15-16 sqm/L* 2 Coats: 7-8 sqm/L*
<b>Drying Time</b>	4-6 hours
<b>Sheen level</b>	15@60 degree
<b>Flash point</b>	NA
<b>Stability of thinned paint</b>	24 hours
<b>Appearance</b>	Smooth white liquid
<b>Solids</b>	55%
<b>Specific gravity</b>	1.3
<b>Recommended DFT</b>	NA
<b>Viscosity</b>	1700 CP @ 30°C by stormer viscometer
<b>Shelf life</b>	36 months
<b>Contrast ratio</b>	98%

*\*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. The wall should not have any moisture on it, and the new plaster should cure for 4 weeks.  
Before painting, leaks and cracks should be fixed.
3. Make sure all algae and fungi are gone before you paint.
4. For the best protection, horizontal surfaces like ledges and sunshades will need an extra coat.
5. Paint should only be put on a surface that is dry, never when it is raining.

#### AVAILABLE PACK SIZE

Available in:



#### Post application instructions

For the best results, clean the walls every 6 months to get rid of any dirt, dust, or grease that has built up. The dirt and grime hold things down and help algae and fungi grow.

#### SHADE RANGE

As per Wonder Paints Colour Fan Deck

## FOR BEST RESULT

### FOR EXTERIOR EMULSIONS / PRIMERS

- Stir well and strain before use.
- Do not apply paint if the ambient temperature is less than 10°C or greater than 45°C, or if such a temperature is likely 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 any flaky or loose paint.
- Remove all traces of algae, fungus, dust, and dirt with a pressure washer and wire brush. To ensure that the new lasts as long as possible, all traces of contaminants must be removed. Following a thorough cleaning, a bio wash will be required in areas where there is a lot of algae growth.
- 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 Wonder Paints
- WT Sealer Primer. If this is not treated then the new coating being applied will have inferior adhesion.
- Ascertain that Wonder Paints tinting machine and machine colourants were used to create the desired shade. Make certain that tinted paints are thoroughly mixed.
- Ensure that the painting is finished before it rains. Exposing the primer coat or primer coat plus one topcoat to rain will reduce the performance of the paint system.
- On sunshades and horizontal surfaces, always apply three coats of topcoat.
- To avoid streak marks, coat the horizontal surfaces first, then the vertical.
- Do not thin the paint too much. Also, when thinning, use good quality water; 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.
- As lighter colours (tinted shades in the first base). These dark colours may require three or four coats without being watered down to cover well.
- Alternatively, the primer must be tinted to match the colour of the paint.
- Then two or three coats will be required.
- Sand only once (using less pressure) over Polymer Putty and Waterproof Polymer Putty with abrasive paper grit no. 120 or higher. Sanding with rough emery paper or under high pressure will break the polymer film formed and cause adhesion/water repellency problems.
- 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, old material must be removed and the walls cleaned before application of fresh paint.
- Because sheen emulsions have a tendency to reflect light, the surface should ideally be free of undulations to the greatest extent possible for the best results. Otherwise, all of the wall's undulations and uneven areas will be visible.
- When light reflects off the wall, it is highlighted.
- If masking tape is used to separate the areas to be painted in Premium, Luxury, and Acrylic Laminate, the masking tape must be removed immediately after application.
- The paint is still damp. Otherwise, there is a risk of the paint and tape peeling away.
- 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 Canvas damp guard primer tinting machine and machine colourants have been used to produce the shade selected. Ensure that tinted paints are mixed thoroughly.
- When using colours tinted in different batches of any emulsion, it is always best to mix the batches together before applying the colour on site. There may be minor colour variations.
- This may be more noticeable when applied side by side or during touch up.
- When storing unused paint, it must not be diluted with water. It must be stored undiluted in an airtight container in a cool and dry environment. If the emulsion has been modified
- If it is diluted with water, 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.
- Sand only once (using less pressure) over Polymer Putty and Waterproof Polymer Putty with abrasive paper grit no. 120 or higher. Sanding with rough emery paper or under high pressure will result in breakage.
- The polymer film formed and caused adhesion/water repellency problems. Paint should not be applied in thick layers, particularly in corners.