

DIAMOND EMULSION

Product code: PW/3105

Composition and Application Field

NOVA Diamond Emulsion is a high quality pure acrylic polymer latex paint pigmented with titanium dioxide and other light fast alkali resistant pigments. It has a very good wash ability scrub resistance and good color retention property with a smooth and pleasing effect. It has excellent brush ability with good resistance to algae and fungal attacks.

Substrates: Concrete, cement plaster, masonry, gypsum, block work etc.

Area of Use: Interiors preferably.

Specification

Finish	: Smooth & Matt
Color	: White + all shades as per NOVA shade card and custom made
Specific gravity	: 1.58 ± 0.02
Solids (% by volume)	: 45 ± 2
Diluent	: Sweet Water
Flash point	: Not Applicable
Spread Rate:	
While the spread rate is directly dependent on the surface profile and also the type of undulations it has, by roller and also the equipment they used, NOVA Diamond Emulsion it would cover app 15 m ² / liter at 30 microns per coat.	
Drying Time (30°C)	: Set to touch: 1 – 2 hours
	: Ready for Recoat: app 2 – 3 hours
Recommended DFT	: 2 coats. App 30 – 40 mic per coat

Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of NOVA is an ideal recommendation for the application of NOVA Diamond Emulsion. **For Plaster, Masonry & Concrete**

Achieve a good and clean surface by removing all contaminants and loose particles by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Water washing under pressure is recommended. Apply the NOVA PVA Primer, or NOVA Acrylic Alkali resistant primer or NOVA All Weather Tex Primer and allow drying as per the data sheet and subject to one more coat for even coverage. For Exterior: Apply NOVA Filler Compound (fine or coarse) evenly and allow drying and following it up with NOVA Diamond Emulsion for one or two coats. For Interior: After applying the NOVA Primer, apply a uniform layer of NOVA Stucco Putty and then follow it up with NOVA Diamond Emulsion for two coats.

For Old and Painted surfaces

In case of surfaces which are painted / or aged and if there is visible dusting, chalking or even friable, ensure that all the loose material is removed by scrapping or metal brush. Apply a good coat NOVA Fungicidal wash compound and allow drying. Follow this by a regular coat or two of NOVA Alkali Resistant primer and continue as in the above case with the full system.

Application Method

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

1. **Dilution:** One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.
2. **Brush:** It is in ideal recommendation especially to avoid runs and sags due to excess material.
3. **Roller:** Apply an even coat spreading uniformly taking care to avoid runs.

Paint System

NOVA DIAMOND EMULSION

- NOVA Alkali Resistant Primer or PVA Primer Sealer	1 coat
- NOVA Stucco Putty	2 coats
- NOVA Diamond Emulsion	2 coats

* Recommended system to be applied as per surface preparation (suitable emulsion grades), or as per NOVA technical advice

Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

Handling

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Flash Point: Not applicable.

Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray. MSDS is available on request for the safe handling of this product.

First Aid

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. Do not use solvent or thinners.

Inhalation: Move to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion, Do not induce vomiting. Obtain immediate medical attention.