

DIAMOND EMULSION PLUS

Product code: PW3007

Composition and Application Field

NOVA Diamond Emulsion Plus is an economical grade emulsion (VALUE FOR MONEY RANGE) based on copolymer with Titanium and other light fast alkali resistant pigments. It gives the surface a smooth and pleasing effect with good brush ability a recoat ability. It is resistant to algae and fungus attacks.

Substrates: Concrete, plaster, masonry, gypsum.
Area of Use: Interiors preferably

Specification

Finish	: Smooth & Matt
Colour	: White + all shades as per NOVA shade card and custom made.
Specific gravity	: 1.50 ± 0.02
Solids (% by volume)	: 38 ± 1
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, over spray and also the equipment the painter NOVA Diamond Emulsion Plus it would cover app 10 m² / liter at 40 microns per coat.

Drying Time (30° C)	: Set to touch : 1 – 2 hours.
	: Ready for Recoat: app 2 -3 hours.
Recommended DFT	: 1 – 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 Plus.

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 Sealer or NOVA Alkali Resistant Primer and allow drying as per the data sheet and subject to one more coat for even coverage. Apply NOVA Stucco Putty evenly and allow drying and following it up with NOVA Diamond Emulsion Plus for one or two coats.

For Old and Painted surfaces

In case of surfaces which are painted / or aged and 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 PVA Primer Sealer or NOVA Alkali Resistant Primer and continue as in the above case.

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.
4. Airless spray: Use tip size around 0.018" to 0.020" and pressure around 150. – 175 Kg/cm²

Paint System

NOVA Diamond Emulsion Plus

- NOVA PVA Primer Sealer	1 coat
- NOVA Stucco Putty	2 coats
- NOVA Diamond Emulsion Plus	2 coats

- Recommended system to be applied as per surface preparation or as per NOVA technical advice.

Storage & 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 vapour 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.