



## TECHNICAL DATASHEET

# 516 EcoPrime

### INTERIOR – EXTERIOR Efflorescence Resistant Salt, Alkali & Waterproof Primer

#### DESCRIPTION:

NeoSeal® N-516 EcoPrime is a single component, high performance acrylic emulsion polymer based, flexible waterproof EcoPrime for interior and exterior building walls. It can be used as a waterproofing base coat prior to painting the building OR waterproofing the building using NeoSeal® Wall Coat and Terrance Coat.

#### AREA OF APPLICATION:

- Any interior and exterior building walls, roofs, chhajjas etc.
- Plastered walls, asbestos, concrete surface, bricks, falls ceiling etc.
- As a waterproofing base coat.

#### TECHNICAL SPECIFICATIONS:

No	Properties	Result
1	Colour	Milky White
2	Solid Content %	48 ± 2%
3	Specific Gravity at 30°C	1.25 -1.30
4	Tensile Strength	>2 N/mm <sup>2</sup>
5	Elongation	> 100%
6	Bonding strength	Excellent
7	Weathering resistance	Excellent

#### FEATURES & BENEFITS:

- Flexibility – Provides a flexible & low permeable coating.
- Adhesion – Excellent adhesion to concrete, natural and artificial stone.
- Penetration – Provides deep penetration which provides excellent substrate adhesion
- Low temperature resistant – Resistance to freeze-thaw cycles and de-icing salts.
- Efflorescence – Provides excellent efflorescence resistance due to its chemical inertness.
- Waterproof – Waterproof for concrete structures.

#### METHOD OF APPLICATION:

##### 1. Surface Preparation:

- New and existing concrete surface must be prepared thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles using wire brush and/or water pressure jet.
- Cracks of size up to 5mm should be filled by NeoSeal® 503 Crack Filler Paste. Seal the corners of roof and parapet wall properly.
- Cracks wider than 5 mm should be filled by applying NeoSeal® 502 Latex Prime modified mortar slurry using putty blade in proper manor. Let it dry for 24 hrs.

**NeoSeal Adhesive Pvt. Ltd.**

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## 2. Application:

- Dilute the NeoSeal® 516 EcoPrime in 2:1 ratio with water (i.e. 2 parts of EcoPrime with 1 part of water) and stir well until it mix properly. Apply a single coat of the diluted EcoPrime using brush or roller to the clean surface and allow it to dry for 3 to 4 hours. Upon drying apply respective finish coats.

## 3. Precaution:

- All corners, gaps, joints, protrusions & outlets shall be coated properly.
- Don't dilute EcoPrime more than 50% with water (i.e. 1 parts of EcoPrime with 1 part of Water).
- Do not apply during raining or extreme temperatures. Ideal application temp. between 10°C to 45°C.
- Avoid abuses which may lead to puncturing of membrane.
- Do not flood or over expose the treated surface to water until it is completely cured.

## COVERAGE:

Coverage depends upon the nature of the surface to be applied. But on average, smooth surface will give approx. 85 – 105 sq. ft./Ltr. per Coats, DFT about 50 – 60 microns.

**PACKAGING SIZE:** 1Ltr., 4Ltr. 10Ltr. & 20Ltr.

## SHELF LIFE AND STORAGE:

24 months from the date of manufacturing in unopened condition when in sealed pack and stored under proper condition. Store in a cool & dry place.

## HEALTH AND SAFETY PRECAUTIONS:

- Skin contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eye with plenty of water. Consult Physicians if irritation persists.
- Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

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