

TECHNICAL DATASHEET

504 PRIMER

EFFLORESCENCE RESISTANT WATERPROOF PRIMER

DESCRIPTION:

NeoSeal® N-504 PRIMER is a single component, high performance acrylic emulsion polymer based, flexible waterproof primer 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 Terrace 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 ²
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 URP modified mortar slurry using putty blade in proper manor. Let it dry for 24 hrs.

2. Application:

- Dilute the NeoSeal® 504 Primer in 2:1 ratio with water (i.e. 2 parts of Primer with 1 part of water) and stir well until it mix properly. Apply a single coat of the diluted primer 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 primer more than 50% with water (i.e. 1 parts of Primer 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. 8 – 10 sq. mt. (87 – 107 sq. ft.) per litre per coats.

PACKAGING SIZE:

1 Ltr., 4 Ltr. 10 Ltr. & 20 Ltr.

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 & SAFETY PRECASUTIONS:

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

WARRANTY:

The above information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and our responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.