

513 NeoPoxy

TWO-COMPONENT WATER BASE EPOXY COATING

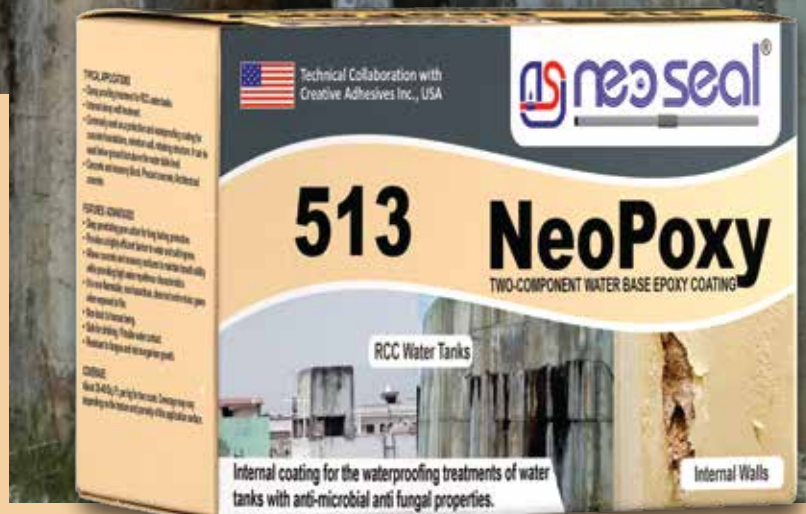
WITH MULTI ADVANCE BENEFITS:



Waterproofing treatment of RCC water tanks & Internal Walls



Anti-microbial anti fungal properties



Technical Collaboration with Creative Adhesives Inc. USA



AREAS OF APPLICATION:

- ◆ Damp proofing treatment for RCC water tanks.
- ◆ Internal damp wall treatment.
- ◆ Commonly used as a protective and waterproofing coating for concrete foundations, retention wall, retaining structure. It can be used below ground but above the water table level.
- ◆ Concrete and masonry block, Precast concrete, Architectural concrete.

PACKING SIZE: 500gm, 1kg

SHELF LIFE AND STORAGE: Best before 12 months from the date of manufacturing when in sealed pack and stored under proper condition. Store in a cool and dry place between 5°C to 35°C in closed condition and away from direct sunlight.

FEATURES / ADVANTAGES:

- ◆ Deep penetrating pore action for long lasting protection.
- ◆ Provides a highly efficient barrier to water and salt ingress.
- ◆ Allows concrete and masonry surfaces to maintain breathability while providing high water repellency characteristics.
- ◆ It is non-flammable, non-hazardous, does not evolve toxic gases when exposed to fire.
- ◆ Non-toxic to human being.
- ◆ Safe for drinking / Potable water contact.
- ◆ Resistant to fungus and microorganism growth.

COVERAGE: About 35–40 sq. ft. per kg for two coats and DFT about 700-800 microns. Coverage may vary depending on the texture and porosity of the application surface and type of application.

513 NeoPoxy

TWO-COMPONENT WATER BASE EPOXY COATING

Internal coating for the waterproofing treatment of water tanks with anti-microbial anti fungal properties.

DIRECTIONS FOR USE:

1. Surface preparation: Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles using wire brush and water jet. Break the weak portion of concrete surface near the area of repair and clean with water jet. Roughen the surface mechanically and dampen the surface with clean water. Remove corrosion deposit and clean the surface of exposed rebar.

2. Crack Filling: ♦ Cracks up to 5mm should be filled by NeoSeal® 503 Crack Filler paste. ♦ Cracks more than 5 mm should be filled by applying NeoSeal® 502 Latex Prime modified mortar slurry using putty blade in proper way. Let it dry for 24 hrs.

3. Mixing: **1.** Before using both components have to be individually stir properly using power stirrer. **2.** Mix component A and Component B together the stir combined mix using power stirrer. **3.** Dilute the mixed compound with water (in ratio of 1 part Base: 1 part Hardener:1 part water) by slow addition and mix it thoroughly to get a brushable consistency.

4. Application: **4.1 Waterproofing of RCC water tanks:** **1.** Apply a 1st coat of 513 NeoPoxy using a brush or roller and let it dry for 24 hrs. There is no ventilation inside the tank so let it dry proper. **2.** Apply 2nd coat in a right angle to first coat using brush or roller and allow it to air cure completely for 7 days. **3.** The coating must be cleaned thoroughly with plenty of water 6-7 times prior to storage

the water in the tank.

4.2 For Putty Application: **1.** After mixing component A and Component B together the combined mix must be powered stirred. **2.** Mix the above mixer with one part of cement and mix properly to achieve proper consistency and apply it to repair area.

4.3 For Internal Walls: **1.** Apply a 1st coat of 513 NeoPoxy using a brush or roller and let it dry for 24 hrs. **2.** Apply 2nd coat in a right angle to first coat using brush or roller and allow it to air dry for 24 hours. The wall can be painted to desire colour.

HEALTH AND SAFETY PRECAUTIONS: Wear suitable protective clothing, gloves and eye protection during mixing and application. In case of contact with skin, rinse with plenty of clean water and then cleanse with soap water. In case of contact with eyes, immediately rinse with plenty of clean water and take medical advice.

PRECAUTIONS AND LIMITATIONS: All previous coating should be completely removed before the application of 513 NeoPoxy. When used on an exterior surface, it must be over coated by weather durable coatings. Avoid application below 10°C surface temperatures. At low temperature, drying and curing period will be extended. Don't add more water than recommendation. Not recommended for rising dampness.

TECHNICAL INFORMATION:

| PROPERTIES | Part A | Part B |
|----------------------|-------------------|-------------------|
| Appearance | White thick paste | Off white paste |
| Solid Content | 98±2 | 82±2 |
| pH value | 10.0±2 | 10.0±2 |
| Sp. gravity at 27° C | 1.48 ± 0.02 gm/ml | 1.24 ± 0.02 gm/ml |
| Viscosity | 80k ± 5k cP | 18k ± 4k cP |

After Mixing (PART A + PART B +WATER):

| | |
|---------------------------|--|
| Mixing Ratio | 1 Part Resin : 1 Part Hardener : 1 Water (By weight) |
| Pot life at 30°C, Minutes | Min. 60 minutes |
| Surface dry time at 30°C | 2 - 6 hrs. |
| Water absorption | Nil |
| Adhesion Strength | <2.6 N/mm ² . |
| Viscosity | 20k ± 3k cP |



Plot No. 628/7, GIDC Savli, At. Manjusar,
Vadodara-391775, Gujarat, India.
CIN: U24295GJ2011PTC066767
Mobile: +91 - 9099935744 | 9099708551
Email: info@neoseal.net | order@neoseal.net
Visit us @ www.neoseal.net

