

TECHNICAL DATASHEET**NEOSEAL IWP 500****DESCRIPTION**

NEOSEAL IWP 500 is Integral liquid waterproofing compound based on a polymer additive and water reducer. It is used as an additive for cement concrete, mortar, plasters and waterproofing. It makes concrete, plaster dense and cohesive. It prevents segregation, reduces porosity and increases strength of the concrete.

TYPICAL APPLICATIONS

Waterproofing of concrete and sand-cement mortar used in the various part of the building such as slabs, screeds, plasters internal/external, basement, water tanks, water retaining structures, sumps, drains bathrooms, toilets etc.

DIRECTIONS FOR USE

Charge cement, sand and aggregates as per the mix design in the Mortar Mixer and mix it in dry form for 2-3 minutes. Start adding 75 - 80% premeasured water in the concrete mixer and mix it for 5 minutes. Take the recommended dosage of NeoSeal IWP 500 and poured in to the remaining quantity of water (in separate container) then add this mixer of (IWP & water) in to the Mortar mixer and mix for 3-4 minutes. Don't add NeoSeal IWP 500 directly in to dry concrete mix. Don't use extra dose of IWP than recommended.

TECHNICAL INFORMATION

PROPERTIES	SPECIFICATIONS	APPLICABLE STANDARD
Appearance	Free flowing liquid	
Colour	Brown	
Sp. Gravity @25°C	1.1 – 1.2 g/ml	
Solid Content	33.0 ± 2%	
pH Value	6 – 8	
Compressive strength N/mm ²	17 N/mm ²	

NeoSeal Adhesive Pvt. Ltd.

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Setting time, minutes	Passes	IS 2645:2003
Chloride content	Max 2.00%	IS 2645:2003
Water Permeability	Passes	IS 2645:2003
Compressive strength N/mm ²	As per the standard	IS 2645:2003

DOSAGE: 200 ml per 50 kg of cement

PACKAING: 200gm, 500gm, 1 kg, 5kg, 10kg, 20 kg & 50kg

SHELF LIFE AND STORAGE: Best before 18 months from the date of manufacturing when in sealed pack and stored under proper condition. Store in a cool and dry place in closed condition and away from direct sunlight.

PRECAUTIONS AND LIMITATIONS: Follow recommended dosage strictly. Do not use in second coat of plaster as it may create difficulty in paint application, instead use Neoseal IWP. Add water if needed in repair mortar in hot temperature conditions to compensate for evaporation loss.

HEALTH AND SAFETY PRECAUTIONS: Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment 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 seek medical advice.

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