



ANT Lab's SX Concrete Coat

Technical Data Sheet



Product Description -

ANT Lab's SX Concrete Coat is a solvent-free, self-assembling oligomer micro emulsion in water. SX Concrete Coat delivers an durable, optically invisible coating that provides water repellent hardens on the surfaces and protects the surface, achieving a high resistance against lime leaching, chemical corrosion, binder transformation. In testing, SX Concrete Coat™ lasts for 10.5 years in single coat .

Characteristics -

Appearance	Colourless
------------	------------

Types of Concrete substrates that can be coated -

Concrete	Concrete (RCC) Rooftop (GI,Asbestos)
Stone	Any porous stone that absorbs water.
Brick	Any porous brick that absorbs water.



Benefits –

ANT Lab's SX Concrete Coat have several benefits :

1. Application method for this coating is very easy
2. Drastically minimises the water absorption into the Concrete Substrate .
3. Good surface preparation offers excellent protection to the porous surface .
4. Prevents scaling aging and salt burst into the concrete substrate .
5. Prevents Structural damage into concrete substrate.

Applications -

ANT Lab's SX Concrete Coat™, across Concrete assets :

1. Concrete (RCC)
2. Rooftop (GI, Asbestos)
3. Stones (Porous)
4. Brick

Application Details :

ANT Lab's SX Concrete Coat™, is a ready to use solution, is applied by pouring onto the porous surface.

Coverage	125 sq. feet./ litre
Possible Equipments for application	<ul style="list-style-type: none">• Spray with any conventional sprayer• Pouring to the surface .
Full Hard Cure time	48 to 52 hours (@27° C, 55% R.H.)
Coating Dry Time	10 hours (27° C, 55% R.H)

Application Procedure & Preparation :

Step 1 : Surface prep – Surface must be clean, dry, and in sound condition .IF the surface is not clean , clean with a dry brush (without water or any liquid) and make the surface free from dust.

IMPORTANT #1 : The surface must be very dry from about 2 days before using SX concrete coat .

Step 2 :Flow Coating Mixture- The mixture can be poured (flow coated) directly to the surface and then level the excess layers via any hard brush or rubber based broad wiper .If in case pouring is not viable used any low pressure conventional spray and spray the surface to make it wet with the mixture .Allow to dry for 52 hours .

IMPORTANT #2: Select the appropriate size brush width based on the surface area being coated. Using a good quality bristle brush, apply ANT Lab's SX Concrete Coat™ in a single-pattern; "left to right" or "up and down" (if coating via spray method).The coating will not form a film rather it will be absorbed by the porous cement or brick surface.



IMPORTANT #3: It is important to reseal containers tightly after use. Store in a cool, dry place, protect from heat, freezing, and direct sunlight.

To obtain best results, do not over work the coating, seeing as it dries very quickly.

Don't apply in bad weather conditions.

Storage :

Store in dry area at temperatures between 22 - 25° Celsius

- Shelf Life (seal un-opened) – 12 months .
- Shelf Life (seal opened) - 10 days .

Container Cap must be closed immediately after use to avoid contamination.

Discard if liquid turns white in color . It should always remain colorless to be effective .

Safety , Caution & Maintenance :

1. Wear butyl-rubber gloves and other skin protection to avoid contact.
2. In the event of contact with skin - wash skin thoroughly with soap and water.
3. In the event of contact with eyes - Immediately flush eyes with water for 15 minutes after contact and get medical attention.
4. If accidentally swallowed - rinse mouth thoroughly and obtain immediate medical attention.