

SUNCRETE

POLYMERIC WATERPROOFING, SURFACE TREATMENT FOR CONCRETE

DESCRIPTION

SUNCRETE is a most economical, proven polymeric waterproofing, surface treatment for concrete, masonry and most other construction surfaces.

SALIENT FEATURES

- Compatible with cement, forms an impermeable film
- Non toxic, suitable for contact with potable water
- Flexural strength and adhesion of the cementitious mix is enhanced
- Alkaline and compatible with concrete
- Carbonation resistant
- Breathable, whilst repelling water, allowing the substrate to breathe
- Acts as a barrier to water borne salts
- Can be applied in moist conditions e.g. Exteriors, terraces and chajjas in wet spells of the monsoon; underground and overhead water tanks almost immediately after emptying

USES

- Roof slabs – flat or sloping, chajjas, folded plate roofs, domes etc.
- Flooring, external walls.
- Sunk portions of bathrooms, toilets, balconies, etc.
- Overhead or underground water tanks and other large reservoirs.
- Mortars for filling joints of C.I. or any other drainage pipes.
- As an admixture to provide waterproof plaster to external walls, especially in high-rise buildings.
- As a waterproof additive to any cement based paint used as a finishing coat.

CONFORMANCE

Conforms to flexibility and adhesion test as per IS 101

APPLICATION

- Preparation of the surface to be waterproofed is very important
- Any significant deficiency in the civil work such as loose or hollow concrete/plaster, exposed reinforcement steel etc. should be first attended to.
- Required curing should be done as per standard norms
- Cracks other than hairline should be suitably widened, freed from loose particles and then filled with a mortar consisting of Polyalk EP (Refer relevant product data sheet)
- Scrub and clean the surface to free it from any bitumen, oil, grease, loose flakes or particles.
- Moisten the surface with a water jet one day prior to commencement of work.
- Prepare slurry of 1 part SUNCRETE and 1.25 parts fresh white or grey cement by weight.
- Mixing is best done using a low- speed stirrer; continuous hand mixing to a limp free consistency is also adequate. Keep the mix continuously stirred
- Apply the slurry by brush to the damp surface.
- Apply two more coats of similar slurry at 24 hrs intervals.
- Allow to set for 48 hours.
- Cure the coating for 7 days by sprinkling water three times a day on the vertical surface (external walls) and using moist gunny bags/hessian cloth on horizontal surfaces (terraces).
- For best results it is necessary to sandwich the cured coating of SUNCRETE with a layer of screed.

COVERAGE

Approximately, 40–50 ft²/kg of SUNCRETE per coat on plain surfaces. May vary depending on the nature of the surface & site conditions.

PRECAUTIONS

- Do not add any water.
- Keep the slurry well stirred.
- Prepare only as much slurry as can be applied within 30 minutes.
- SUNCRETE is non-toxic.

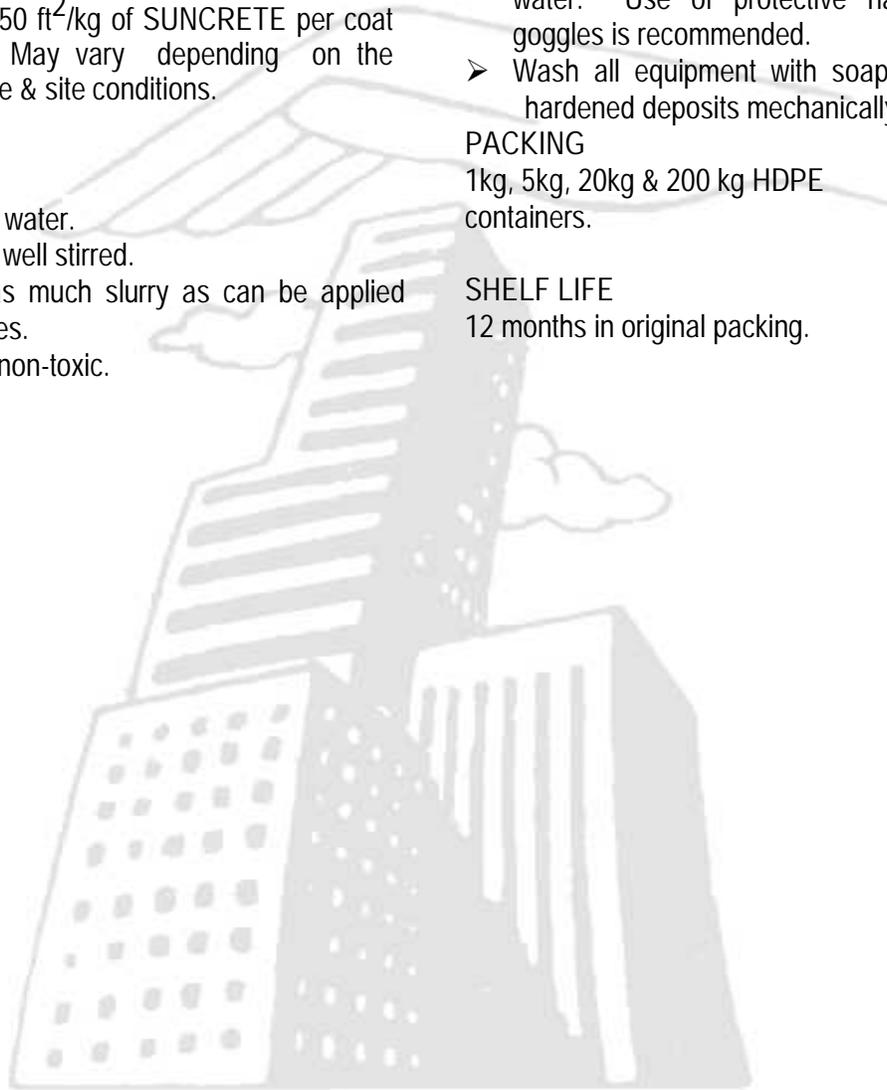
- Any accidental spillage or splash on the body must be immediately washed with plenty of water. Use of protective hand gloves and goggles is recommended.
- Wash all equipment with soap water. Remove hardened deposits mechanically.

PACKING

1kg, 5kg, 20kg & 200 kg HDPE containers.

SHELF LIFE

12 months in original packing.



DISCLAIMER

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.