

DA 'CRETE® 'SealKoat-1K'– Poly Urethane -1 component, highly economical, cold applied, liquid elastomeric waterproofing membrane coating. Suitable for both dry and wet areas.

ABOUT

Environment friendly, solvent free 1mm thick, 1-K Poly Urethane, application friendly system for waterproofing. Can be applied using brush / roller or spray.

APPLICATIONS

Waterproofing of slabs, decks, podiums and wet areas like bathrooms etc.

CAUTION



No Rain in +/- 24 hrs

The surface shall be completely dry. The concrete shall be at least 7 days old.



To Treat Cracks Prior

Sound surface is required is lay SealKoat over it.

Applicators shall treat any cracks on the surface of slabs etc prior to applying SealKoat using approved materials and techniques.



Protection Screed Mandate

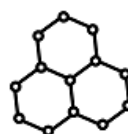
Although SealKoat resists UV, a protection screed is mandate to avoid damaging it due to people movement.

BENEFITS



Elastomeric

Expands up to 600%. Therefore accommodates for movements and bridges cracks in the concrete.



Bonds with Concrete

Excellent bonding with concrete ensuring no lateral movement of water.



Pore Blocking Primer

PU is applied over pore blocking primer. Pores in the concrete are sealed.



Seamless coating

Forms bond with adjacent PU molecules and cold concrete to form a seamless membrane.



Resists Water Entry

Treated concrete will be protected from corrosion of reinforcement etc.



Economical

Designed for high performance, while providing economy for users.



Remove loose dust

Wipe off all the loose dust and foreign matter from the surface either manually or mechanically. Use buffing machine to level the surface, if the need be.



Apply Primer

Use Da 'Crete E-Prime-2K / E-Prime 1K as primer over a prepared surface. For more information, please refer to our Technical Datasheets of Da 'Crete E-Prime 2K / E-Prime 1K.



Mix SealKoat-1K

Open the container and mix the contents of SealKoat. Mix it well using a stirrer to obtain uniform color.



Brush / Roller / Spray

Use Spray application for best results. Application with brush or roller may also be done.



2 Coats

With brush / roller coats, apply SealKoat in 2 coats, while 2nd coat is applied perpendicular to the 1st. In case of spray application, applicators move the sprayer to offer 2 coats during application. It is basically done to avoid any holidays.

Properties

Solid Content	65% (min)
Color of film	White / Sky Blue
Elongation	600% (ASTM D412)
Shore A Hardness	30 (ASTM D 412)
Coverage* @ 1 mm thick	1 Kg/Sq.m
Tack Free Time (@ 25° C)	14 +/- 3 hours
Cure Time (@25° C)	3 days
Tensile Strength, MPa	1.4 (ASTM D412)
Recovery from 200% elongation	>90%
Chemical Resistance	Mild alkalis & acids, Water borne salts.
Modulus at 100% Elongation	0.6 (ASTM D412)
Meets the requirements of	ASTM C836-84, ASTM C898
Conditions to Avoid	Rain, temperature > 45°C

*Actual coverage may vary depending on profile.



KoolPlast as Screed

Screed is required for protection of SealKoat. Where it is intended to have insulation for roof, use Da 'Crete KoolPlast in place of screed.

KoolPlast works on:

- Costs on Air Conditioning
- Light weight but strong
- Looks similar to screed

Slope may be maintained as per requirements similar to screed.

PONDING TEST

Prior to application of screed, a ponding test shall be conducted for 2 inch water depth for 24 hours, at least.

PACK SIZE

25 Liter pails for easy handling and transport.

SHELF LIFE

6 months in unopened containers, stored under shade below 30°C temperature.

TOOLS NEEDED



PPE NEEDED



Safety Spiked Shoe

Should there be a need to walk over a freshly laid 'SealCoat' for levelling / adjustments etc., these spike shoes come handy.



Overall Apron, Gloves

Clothes / Shoes will stain due to PU splashes and cannot be removed. Always use aprons / gloves. Splashes remain stuck on naked skin for about a week.



Safety Eye Goggles

Wear eye protection to avoid splashes. If splashed into eyes, wash eyes thoroughly with water and seek medical attention, if irritation persists.

The information given is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification. Since the conditions of use are beyond our control, we do not warrant the results to be obtained.

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