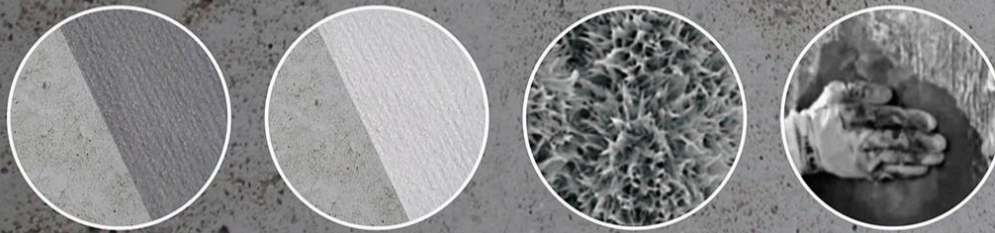


BetonitTM

SEALCRETE



CONCRETE WATERPROOFING SOLUTIONS



CEMENTITIOUS
WATERPROOFING SYSTEM



OFF-WHITE CEMENTITIOUS
WATERPROOFING SYSTEM



WATERPROOFING SYSTEM
WITH SEALING CRYSTALS

the waterproofing
benchmark

worry-free flexible
waterproofing in white
leave as is or coat with color

moisture-activated
sealing

SEALCRETE and Sealcrete PREMIUM are two-component cementitious waterproofing systems that are specially formulated to protect concrete surfaces against water penetration. They bond to porous surfaces and can bridge across hairline cracks. Sealcrete PREMIUM is formulated as an off-white waterproofing membrane that is suitable for use in replacement of your white wall paint.

Sealcrete CRYSTALLINE is a surface-applied single-component waterproofing that becomes an integral part of concrete through CRYSTALLIZATION TECHNOLOGY ▼

FOR GENERAL APPLICATIONS

- strong adhesion to porous surfaces
- gray waterproofing prior to tiling or concrete overlay
- excellent flexibility
- non-toxic
- easy to use
- economical

IDEAL FOR FIREWALLS & HIGH RISE BUILDINGS

- highly flexible membrane
- off-white waterproofing prior to laying glass mosaic tiles
- fine finish is suitable replacement for white wall paint
- applicable on porous and non-porous materials
- option open to paint over or concrete overlay

DESIGNED TO HOLD WATER

- waterproofing comprised of water-activated needle-like crystals
- fills pores and voids in concrete
- self-seals hairline cracks of up to 0.4mm to permanently block pathways

how to use original & premium

SURFACE PREPARATION:

- The surface should be free of contaminants such as dust, chalk, mildew and grease. For previously painted surfaces, make sure to remove the old paint and coating as this may affect the adhesion of SEALCRETE to the surface. Detergent washing and abrasive blasting are some of the effective methods in removing such contaminants.
- Weak joints, cracks, holes and othersurface defects should be properly filled and repaired before applying SEALCRETE.

MIXING:

- 1 Prepare a clean non-absorbent (i.e. plastic) container for mixing.
- 2 Shake LIQUID COMPONENT (A) thoroughly and empty into container.
- 3 Add POWDER COMPONENT (B)
- 4 Mix the two components until a smooth consistency is achieved.



mixing & application tips:



Use a brush or roller



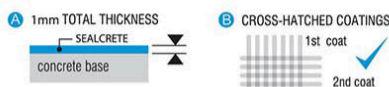
technical data

PROPERTIES	ORIGINAL	PREMIUM
Liquid:Powder Ratio	1:3	1:2
Color	gray	off-white
Texture	rough	fine

PROPERTIES	ORIGINAL	PREMIUM
Flexibility	standard	highly flexible
Substrate	porous	non-porous
Topping	recommended	optional

APPLICATION:

- 1 Dampen the surface with clean water before applying SEALCRETE or Sealcrete PREMIUM. The surface should remain damp throughout the application to avoid premature drying. However do not saturate the substrate.
- 2 Apply 2-3 layers of SEALCRETE to achieve 1mm thickness. Apply the first coat in an even, continuous layer, stroking in one direction only. Once the previous layer has sufficiently hardened, apply a second layer stroking crosswise/perpendicular to the previous layer.
- 3 In active construction sites, protect the applied SEALCRETE from contaminants and damage during construction with a plastic sheet or alternative.
- 4 Attach the concrete topping and/or protection board for 3 days after the applied SEALCRETE has cured. Allow to cure further for at least 7-10 days before exposing it to water.



how to use crystalline

SURFACE PREPARATION: It should be clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other contaminants. Weak joints, cracks, holes and other surface defects should be properly filled and repaired. For previously painted surfaces, strip before applying Sealcrete.

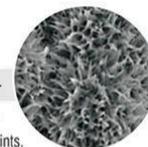
MIXING:

- 1 Mix 4.5 Kg SEALCRETE CRYSTALLINE with 1.5 liters of clean water.
- 2 Mix thoroughly with slow speed drill equipped with mixing paddle until a creamy consistency is achieved. Allow the mixture to stand for 15 minutes before using.

APPLICATION:

- 1 Saturate concrete prior to application. This is necessary to promote activation of crystals.

crystals form upon exposure to moisture



- 2 Slurry coat may be applied using a stiff nylon or tampico brush. Force application on opening and joints.
- 3 Apply second coat when first coat achieves initial setting time of 1 hour.

CURING: Moist curing must begin as soon as material has reached its initial setting time. Usually comes 1 to 2 hours after application. It should be continuously sprayed 4 times daily for minimum of 48 hours to maximum of 1 week before waterproofing property will take effect.

LIMITATIONS: Do not add extra water on stiff mixture; try remixing with slow-speed drill equipped with mixing paddle

- Initial observation of this material may not work for it needs several days of moist curing for crystals to activate
- In the absence of further moisture, crystals lie dormant; but if moisture recurs at any time, the sealing process resumes automatically.

CONSUMPTION SHELF LIFE

1kg/sqm
per coating

1year



ALWAYS USE
PROTECTIVE
WEAR



DO NOT
INHALE
POWDER

Disclaimer: The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of materials proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage.

application across variants

	ORIGINAL	PREMIUM	CRYSTALLINE
WATER RETAINING AREAS			
Water Tanks	●	●	●●
Cistern Tanks	●	●	●●
Dam	●	●	●●
Sewage Tank	●	●	●●
Swimming Pools	●	●	●●
Ponds	●	●	●●
Bathroom	●	●	●●
Laundry Room	●	●	●●
Reservoir	●	●	●●
Foundations	●	●	●●
Tunnel	●	●	●●

	ORIGINAL	PREMIUM	CRYSTALLINE
DAMP AREAS			
High Rise Tower	●	●●	●
Roof deck	●	●●	●
Basement	●	●●	●
Firewall	●	●●	●
Terrace	●	●●	●
Garage	●	●●	●●
Kitchen	●	●●	●
Rooftop	●	●●	n/a
Parking Structures	●	●●	●

●● recommended ● suitable ● capable