

KABU LOCKSIL

Hydrophobic waterproofing
with Nano Technology.

Water repellent coating without film formation.

Surfaces for Application

- Base coat on concrete surface.
- Top coat on concrete surface
- Coat on paints interior / exterior walls
- Top coat exterior landscapes
- Top coat on any type of stones.
- Top coat on Red Brick.



How to apply ?



**Packing Available
1 LTR Bottle**





TDS

DESCRIPTION

KABU LOCKSIL is a 100% Reactive Organosilane Nano - Sealer. When applied on a siliceous substrate, it penetrates up to 4 mm inside the substrate and becomes an integral part of the structure. It converts the nature of the substrate from hydrophilic to hydrophobic. KABU LOCKSIL is water dilutable, safe, sprayable and easy to apply. KABU LOCKSIL acts like a 'skin' up to 4 mm deep for your building as against a polymer or paint film that acts like a 'Band-Aid' on your Building. The peel-off issues are eliminated as KABU LOCKSIL is non-leachable & UV-Resistant. It has a dual property of preventing of ingress of liquid water while allowing moisture vapors to escape.

FEATURES & BENEFITS

- Novel Bacteria Based self-Repairing Nanotechnology of waterproofing.
- Easy to apply, economical, water repellent property maintained for years (20+years.)
- Breathable coating allows water vapor to pass. Keeps substrate dry. No deuteriation occurs.
- The treated surface turns hydrophobic and no longer allows to penetrate water into cracks. It cannot be wetted by water.
- Reduces thermal conductivity.
- Through capillaries drastic reduction in water uptake.
- Resistant to Abrasion, Thermal, UV.
- No shining, no tackiness, No health risk.
- Environment friendly.

TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULTS
Form		Light Pale Yellow Clear Liquid
Viscosity	@ 25°C	< 100 cps
Specific Gravity		0.91 ± 0.01
Flash Point		12°C
Odour		Low Odour
Solubility (in Water)		Easily Soluble
pH	Approx	6 ± 1
Dilutant	Clean Potable Water TDS	< 1000 ppm
pH		6.5 to 7



TDS

AREAS OF APPLICATION

Any Cementous surface or bricks having porosity.

METHOD OF APPLICATION

- The substrate should be cured, dry and free from internal voids (honey combs).
- If honey combs are present, drill a hole and inject KABU LOCKSIL solution 1:20 in water. Allow it to dry and then inject a suitable grout to fill and close the hole.
- For substrates with oil, grease, fungal growth etc., clean and dry the surface thoroughly before application.
- It should be diluted with potable water (TDS <1000 ppm) to obtain a clear transparent solution.
- The diluted solution should be liberally sprayed with low pressure until flood saturation is achieved.
- Flood saturation on horizontal surfaces means no further absorption of KABU LOCKSIL even after 5 minutes of saturation.
- On vertical surfaces apply KABU LOCKSIL from bottom to the top to eliminate drip-mark formation.
- To achieve full saturation on vertical surface, after repetitive light spray (3-4 times after 30-45 seconds) the solution should drip down the wall.
- Both applications are best done at a temperature between 10°C (50°F) to 35°C (95°F). It is best to do the application during the morning or evening hours to avoid peak heat of the Sun.
- For doing any Screeding / Plastering / Tiles / Paint Work on the treated surface, KABU BOND (Acrylic Binder) must be added to the KABU LOCKSIL Solution during preparation in the recommended ratio of 2 parts of KABU BOND 1 part of KABU LOCKSIL & 20 parts of water.

COVERAGE :

Spray Application of KABU LOCKSIL can give coverage upto 600 to 700 sqft per ltr of LOCKSIL after dilution in water.

STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C. Storage should be frost protected.

CLEANING

Tools: Clean all the tools immediately with water. Use of thinner may be necessary for dried up material.

Hands: Use a hand cleaner or water followed by soap.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

AVAILABLE PACKING

5 LTR, 10LTR, 20 LTR



Standard Application with **KABU LOCKSIL** For COATING on MULTIPLE SURFACE



Can be applied on any surface having porosity like concrete / trimix / stones / etc.

Application Details

Coating No.	No. of Coats	Mixing Ratio	Product	Apply with	General Terms 1. Surface preparation is mandatory for all application which includes smoothing the surface and filling all cracks by making a paste of KABU BOND + Water + Cement as required) 2. Warranty shall be applied on www.kabu.world warranty section)
1W	1	1 LOCKSIL : 20 WATER	KABU LOCKSIL	Spray	
Can be applied only on the surfaces having porosity.					