

Waterproof with confidence

Product Data Sheets For all Waterproofing & Coatings.

EASY TO APPLY





KA3U BOND

ALL IN ONE WATERPROOFING

Acrylic based cementitious waterproof coating for multiple surfaces





Surfaces for Application

- Terrace Waterproofing
- · Bathroom / Toilets Waterproofing
- Podium Waterproofing
- · Basement exterior walls
- Exterior wall repairs
- · Primer Coat (Before Paint)
- · Admixture for Plaster



Packing Available in Liters

1, 5, 10, 20

Can be applied on old surfaces without breaking the old surface during repairs.



DESCRIPTION

KABU BOND is an Acrylic co-polymer emulsion, supplied as a ready to use bonding agent in liquid consistency. It is a versatile product and can be used as a cement modifier for repair of spalled concrete - slabs, balconies, beams, columns, floors & waterproofing of toilets, bathrooms and terraces. KABU BOND plays major role in facade coating system. It forms a dry water repellent zone beneath the coating consolidate the substrate and enhance bonding of the coating. It is gas permeable, durable, protects paints & plasters against harmful influences form within the masonry.

FEATURES & BENEFITS

- Fast drying, excellent adhesion to most building materials &no need to cure.
- Increase in durability & toughness of concrete.
- · Increase flexural and bond strength of concrete.
- Forms a very tough bond with substrate having good permeability rating.
- · High scrub & impact resistance
- Excellent elastomeric and crack bridging capability.
- · Good weathering characteristics.
- No water absorption, withstanding hydrostatic pressure.
- Not susceptible to alkali degradation. Resistance to high alkali sulfates and salts.
- Good colour retention. High resistance to stain, dirt pickup & UV.
- · Breathable coating, allows vapor transmission.

TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULTS
Physical form		Milky white free flow liquid
Odour		low characteristic
Specific Gravity		1.03 <u>+</u> .02
Solids		35 % <u>+</u> 1%
PH		7-9
Solubility		Readily soluble in water
Viscosity	@ 25Oc	<500 cps
Dilutant	Clean Potable Water TDS	< 1000 ppm
Flash Point		Non Flammable



AREAS OF APPLICATION

- Waterproofing Membrane: Roof terraces, sunken portion of toilets & bathrooms, chhajas, balcony, etc.
- Concrete Repairs: Spalled concrete of slabs, chhajas, beams, columns, parapet, floor, etc.
- Waterproofing &/or Bonding Primer: Walls & slabs

Surfaces of Application:

- New Terrace Waterproofing on mother slab as base coat.
- Old Terrace / roof waterproofing without breaking old Cementous surface.
- New Bathroom /toilets waterproofing on mother slab as base coat.
- Old Bathroom / toilets waterproofing during repair as coating on Cementous surface before tile fixing.
- Primer coat on exterior walls during new / old construction before the paint.
- Admixture for making mortar of plaster.

Application Process: As follows.

COVERAGE:

Coverage depends on the application surface and mixing ratio. For eg. Application on any horizontal surface in the ratio 1 : 1 : 2 would give an average coverage of 50 +/- sqft per liter per coat.

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 beworn.

AVAILABLE PACKING

1LTR, 5 LTR, 10LTR, 20 LTR



KABU BOND on NEW TERRACE



			Mixing Ratio	Product	Apply with	G 1
		1	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller	
		2	1 Bond : 1 Water : 2 Cement		Brush / Roller	

2T

To be applied as base coat before Brick-bat Coba (For better bonding you can also use 3kg Cement in above ratio)

General Terms

- 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)
- Every surface shall be treated with KABU LOCKSIL before applying any waterproof coatings with KABU PRODUCTS as prescribed
- Warranty shall be applied on www.kabu.world warranty section)



Repairing of roof / terrace with

KABU BOND



Direct application on Concrete / China Chips / Tiles / Trimix / etc. (Repair without breaking existing surface on old terrace / to be applied before brick bat coba on new terrace)

Application Process

Coating Code	No. of Coats	Mixing Ratio	Product	Apply with	G(
	1	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller	
	2	NA	GEO Textile	Lay on surface]
4T	3	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller]2.
	4	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller	3.
	Α	lso can be applied as b	ase coat before	Brick-bat Coba	

General Terms

- 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)
- Every surface shall be treated with KABU LOCKSIL before applying any waterproof coatings with KABU PRODUCTS as prescribed
- 3. Warranty shall be applied on www.kabu.world warranty section)



Application with

KABU BOND for

Exterior Walls / Dead Walls

Direct application for damp walls / walls with leakage.



Application Process

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Coating No.	No. of Coats	Mixing Ratio	Product		Gε 1.
	1	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller	2.
2W	2	1 Bond : 1 Water : 2 Cement	KABU BOND	Brush / Roller	3.

General Terms

- 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)
- Every surface shall be treated with KABU LOCKSIL before applying any waterproof coatings with KABU PRODUCTS as prescribed
- Warranty shall be applied on <u>www.kabu.world</u> warranty section)



Application with

KABU BOND

For Primer Coat with Waterproofing (Before Paint)



Replacement of Primer Coat before paint

Application Details

Coating No.	No. of Coats	Mixing Ratio	Product	Apply with	
	1	1 Bond : 1 Water : 0.5 Cement	KABU BOND	Brush / Roller	
1W	Apply Locksil as advised on the base wall before the plaster / texture on any nev				

General Terms

- 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)
- Every surface shall be treated with KABU LOCKSIL before applying any waterproof coatings with KABU PRODUCTS as prescribed
- construction. 3. Warranty shall be applied on www.kabu.world warranty section)



Application with **KABU BOND** for



BATHROOM / TOILET / PODIUM / BASEMENT EXTERIOR WALLS

Base coat applied on mother slab before brick bat coba. (to be applied on floor and up to 3 feet on side walls)

Application Process

	Application Process							
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			
	1	1 Bond : 1 Water : 3 Cement	KABU BOND	Brush / Roller	required) 2. Every surface shall be treated with KABU LOCKSIL before applying any			
2B	2	1 Bond : 1 Water : 3 Cement	KABU BOND	Brush / Roller	waterproof coatings with KABU PRODUCTS as prescribed 3. Warranty shall be applied on			
					www.kabu.world warranty section)			

KA3U LOCKSIL

Hydrophobic waterproofing with Nano Technology.

Water repellent coating without film formation.



- Base coat on concrete surface.
- Top coat on concrete surface









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
Viscocity	@ 25ºc	< 100 cps
Specific Gravity		0.91 ± 0.01
Flash Point		12ºc
Odour		Low Odour
Solubility (in Water)		Easily Soluble
рН	Approx	6 ± 1
Dilutant	Clean Potable Water TDS	< 1000 ppm
рН		6.5 to 7



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 (50oF) to 35°C (95oF). 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 beworn.

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
1W	1	1 LOCKSIL : 20 WATER	KABU LOCKSIL	Spray	making a paste of KABU BOND + Water + Cement as required) 2. Warranty shall be applied on
		Can be applie	ed only on the surface	s having porosity	. www.kabu.world warranty section)

KA3U CLEAR COAT

Clear coating with UV protection

FOR INTERIOR OR EXTERIOR SURFACES

Surfaces for Application

- Painted Walls (interior / exteiror
- · Cementeous terrace
- Floor tiles
- Variety of Stones
- · Any matt finish stones / tiles.
- · Paver blocks
- etc.



5 & 10

How to apply?





DESCRIPTION

KABU CLEAR COAT is a unique nanotechnology based Clear Top Coat which gives >5 years of High Surface Durability and cut down repetitive maintenance needs for various exposed stone structures and Facades. It has Hydrophobic properties and prevents Water and humidity ingress from damaging the substrate. It also helps prevent fungal and mold growth on the stone surface, prolonging the beautiful look

FEATURES & BENEFITS

- High Durability of more than 5 years
- Excellent weather resistance
- High Chemical and Corrosion Resistance with excellent Barrier Protection
- High transparent stability, excellent UV Stability
- Two Component Coating, Easy to Apply
- Improved Aesthetics of Coated surfaces
- Excellent Waterproofing properties

TECHNICAL INFORMATION

•	Salt Spray Test1500 Hrs
•	Contact Angle 100 to 105 degrees
•	Hardness2H Padd
•	Abrasion Resistance 48 MG
•	Impact Resistance Pass
•	Flexibility27 Joules
•	Humidity,
	Moisture Resistance No Effect
•	Chemical Resistance -
	Isopropyl Alcohol No Effect
	Xylene No Effect
	10% Hydro Chloric Acid No Effect
	10% Sulphuric Acid No Effect
	10% Sodium Hydroxide No Effect
•	Coverage 13-15 Sqm / Ltr
•	Pot Life 30 mins (@25 degrees C)
•	Touch Dry Time 3 hrs (@25 degrees C)
•	Full Cure 24 hrs (@25 degrees C)



AREAS OF APPLICATION

- Natural Stones
- Any type of Basalt, Sandstones
- Stone Facades
- Stone structures exposed to constant water spray.
- Masonry Architecture

METHOD OF APPLICATION

On Newly Coated Surface -

Surface to be made rough with 600 grit sanding paper. On completely dry surface free of oil, grease and dust, KABU CLEAR COAT can be applied directly.

Old painted Surface -

Surface should be dry and completely free of dust, dirt, oil and grease. KABU CLEAR COAT to be directly applied.

Any other surface -

Surface should be dry and completely free of dust, dirt, oil and grease. KABU CLEAR COAT to be directly applied.

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 beworn.

AVAILABLE PACKING

5 LTR, 10LTR, 20 LTR



Application for

CLEAR COAT

COATING on MULTIPLE SURFACE



Can be applied on Tiles / China Chips / Concrete / Trimix / Paints / Marble / Black Stone / etc.

		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
2W	1+1	Direct Application	KABU CLEAR COAT	Brush / Roller	paste of KABU BOND + Water + Cement as required) 2. Warranty shall be applied on www.kabu.world warranty section)



Antibacterial UV coating with heat reflection

FOR MULTIPLE SURFACES

Surfaces for Application

- · Concrete terrace
- Metal Roofs
- · Cement Sheets
- Industrial Sheds
- POP Sheets



How to apply?

Packing Available in Liters

5 & 10

2 in 1

Heatproof + Waterproof

Conditions apply.





DESCRIPTION

KABU HEATPROOF is a revolutionary radiant barrier coating designed to combat solar heat gain in summer and heat loss in winter, providing effective thermal insulation. By reflecting solar heat and minimizing absorption by roofs, walls, and ceilings, HEATPROOF ensures optimal comfort levels in both airconditioned and non-airconditioned spaces. Its easy-to-use application makes it a cost-effective solution for enhancing comfort and reducing energy consumption in buildings.

FEATURES & BENEFITS

- Reflective Properties
- Effective Thermal
- Insulation
- Water Based
- Versatile Application
- Energy Efficiency
- Long-lasting Performance
- Safe, eco-friendly, hygienic.

ADVANTAGES

- · Eco-friendly zero VOC water-based technology coating.
- · Light weight per meter square.
- Up to 30% savings on cooling and heating charges.
- · Non-toxic and can be used in food storage units.
- Reduces expansion / contraction and thermal stress on the substrate.
- · Very High resistance to atmospheric degradation.
- · No-joints, forms continuous seamless membrane.
- Beautifies and enhances the look of otherwise dull look roofs

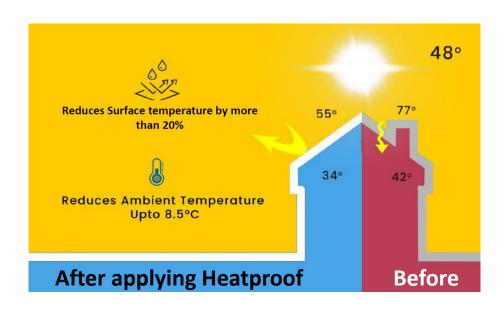
TECHNICAL INFORMATION

Solar Reflectance: 0.875

Solar Emittance: 0.91

Solar Absorption: 0.125

Solar Reflective Index (SRI): 111







AREAS OF APPLICATION ON ROOFS OF...

- Terrace of Commercial Buildings/Offices
- Hospitals
- Shopping Malls
- Home
- Apartments
- Oil Storage Tanks
- Factories
- Syntex tanks / water tanks and pipe lines
- Any type of old or new sheets and RCC roofs

METHOD OF APPLICATION

- Clean the surface by rubbing with wire brush and other tools as per required to remove dust, fungus, grass root, rust, tar coal & loose material.
- Wash with clean water. Repairing of Cracks work will be carried out as per requirement on terrace
- Apply 1st coat of KABU HEATPROOF layer for Heat proofing & mix with water in the ratio of 1: 0.5 Or 1: 0.2
- Then apply 2nd & 3rd coat of Pure KABU HEATPROOF layer for giving Final touch of Heat proofing as per your requirement depending on surface.

COVERAGE

Material consumption of 4.5 - 5.5 Sq Mtrs (with recommended application process) depending upon the porosity of the substrate.

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. High humid climate can reduce its shelf life.

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 beworn.

AVAILABLE PACKING

5KG, 10KG, 20KG



Application for **KABU HEATPROOF**COATING on

MULTIPLE SURFACE



Can be applied on surfaces like concrete / Cementous coatings / metal / PVC roofs / stones /etc.

ı	Application Process							
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			
	1	1 LTR HEATPROOF + 200 ML WATER	KABU HEATPROOF	Brush / Roller	making a paste of KABU BOND + Water + Cement as required)			
2W	2 D	DIRECT APPLICATION	KABU HEATPROOF	Brush / Roller	2. Warranty shall be applied on www.kabu.world warranty			
	ı				section)			

KA3U SHINE

Industrial grade heavy duty Polyurethane coating 2K

FOR MULTIPLE SURFACES

Surfaces for Application

- Industrial structural steel
- Water tanks & Swimming Pools
- Piping & walls in power water treatment plant
- Pulp & paper, chemical, petrochemical, food and beverage plants.
- Pharmaceutical production areas.
- · Concrete floors.



How to apply?



Packing Available in Liters
10





DESCRIPTION

KABU SHINE is a two-component, water-borne, 100% aliphatic (non-yellowing) polyurethane protective and decorative coating system designed for stone, brick, and concrete surfaces. It offers excellent adhesion to mineral substrates and is environmentally friendly with low VOC compliance. Its features include solvent-free application, high abrasion and water resistance, breathable coating, and exceptional UV, algae, fungi, oil, and chemical resistance. KABU SHINE provides a smooth, easy-to-clean, and maintain finish, available in clear and various colors. Ideal for concrete, stone, and brick structures, water bodies, high-traffic areas, industrial kitchens, food processing plants, control rooms, and offshore platforms.

FEATURES & BENEFITS

- Excellent adhesion to concrete and all types plaster surfaces.
- UV resistance
- Anti-Bacterial
- Water Resistive Properties

TDS

TECHNICAL INFORMATION

DRYING TIME

Surface Dry: 6 – 8 Hrs / Hard Dry: 24 Hrs / Recoat ability: 12 – 16 Hrs

POT LIFE

KABU SHINE Resin + Hardener: Approx-60-90 Min.mixture@30°C

CURING SCHEDULE

Foot traffic/Light load: 24 - 36 Hrs. Full traffic load: 72 Hrs

LIMITATION

- Do not dilute KABU SHINE with water other than recommendation.
- Keep material closed when not in use.
- Do not apply when rain is expected in short time span.
- Maintain the coating thickness during the application of coat.
- Do not apply thin coat by over extending the brush.

Film thickness(in two finish coats and subject to surface conditions)	DFT	Micron	30 -70/ coat
Adhesive tensile Strength	ASTM D-4060, CS 10 Wheel	gm. Max weight loss	0.1
Scratch Resistance	BS3900 Part E2	Kg	>8
Coverage		M2/Kg	6 – 9 Sq.Mt.



AREAS OF APPLICATION

- Industrial buildings, Pharmaceutical
- and Food Processing Pants
- Exterior walls and interior walls
- Brick walls, plastered surface, etc.
- Water bodies and storage tanks, etc.
- · Towers, Bridges, Flyovers, etc.
- Healthcare Facilities

METHOD OF APPLICATION

KABU SHINE system should be installed by approved and trained contractors. Following information should be used as a guideline. Always consult our Technical Service Department for more details.

1. Surface Preparation

All surfaces must be sound, clean, dry, free from oil, grease, cement laitance and all loosely adhering particles or any other contaminations.

- **2.Primer application :** Use suitable and recommended primer. Porous surface may require two coats of primer. Primer should be allowed to cure sufficiently, prior to application of top coat of **KABU SHINE**.
- **3.Coating Application:** KABU SHINE is supplied in pre-weighed two components ready to use on site. Mix KABU SHINE (RESIN)- in vessel until uniform color is obtained (if pigmented). Add recommended quantity of clean tap water. Then add KABU SHINE (HARDENER) and stir well until a homogeneous mixture is obtained and apply KABU SHINE mixture on the prepared surface by using roller, brush or squeeze. Spraying if done, should always be in the area with good exhaust provision and using personal protection equipment such as goggles, breathing mask, etc.

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. High humid climate can reduce its shelf life.

COVERAGE

Material consumption of 6-9 Mtr Sq (with recommended application process) depending upon the porosity of the substrate.

HEALTH & SAFETY

Best to be used within 12 months from the date of Manufacturing if stored unopened.

Please observe the precautionary notices displayed on the container. Spray under well- ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleaner, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

AVAILABLE PACKING

8.7 LTR Resin + 1.3 Ltr Hardener = 10 LTR



Application for

KABU SHINE

COATING on MULTIPLE SURFACE



Can be applied on Tiles / China Chips / Concrete / Trimix / Paints / Marble / Black Stone / 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)
2W	1+1	Mix Resin + Hardener (as per packing ratio)	KABU SHINE	Brush / Roller	
	To be applied on Cementous / rough surface.				



#KaroLeakageKabuMein

FOR FURTHER ASSISTANCE CALL KABU
080 6218 0982

Or log on to www.KABU.world



Surface preparation is mandatory for all application. Warranty shall be applied on www.kabu.world warranty section)