

METHOD STATEMENT FOR KABU ART TERRACE GARDEN WATERPROOFING (Replacement of Brick Bat Coba on New Terraces and creating garden)

SCOPE OF WORK:

This method statement is applicable for carrying out Waterproofing Treatment of Terrace Area at **on NEW / OLD Terraces**

Note:

1. **Application process for New and Old Terrace is the same with just a small difference in surface preparation.**
2. **Application of KABU ART should be applied not only on the floor area but also have to be applied on parapet walls in complete “U” shape.**

WATERPROOFING MATERIAL TO BE USED:

➤ **Multi-Layer Waterproofing System to be used during waterproofing**

- Base coat to be done with – KABU LOCKSIL Nano Sealer Hydrophobic Waterproofing Treatment to make the surface hydrophobic.
- Cementous Waterproofing to be done with – KABU BOND / KABU BOND NEU an acrylic based polymer modified Cementitious Coating having minimum of 35% to 40% Solid Content mentioned in the TDS of the product and should be submitted with the quotation.
- UV Protection to be done with – KABU CLEAR COAT / ROCK Acrylic based hybrid coating for for UV protection over the Cementous waterproofing. OR with KABU HEATPROOF in case if you need colorful layer on top.
- TAP 441 / 442 – TAP 44 series powder is a tile adhesive polymer powder designed by KABU not only for tile fixing but also to be used with any acrylic based waterproofing chemicals of KABU in replacement of cement. This gives a better bonding and strength to waterproof coating.

Work Procedure for NEW TERRACE (without brick bat coba)

Surface Preparation:

- Follow the standard method of doing PCC as described in the methodology designed for PCC. (Kindly ask for the PDF file if not attached with this)
- Once the PCC is done then follow the waterproofing steps as mentioned below.

Application of Waterproof coating :

- **1st Coat :** Apply the 1st coat of KABU LOCKSIL Hydrophobic silicone based nano technology coating on the surface to make the surface hydrophobic by KABU LOCKSIL with a mixing ratio 1 part of LOCKSIL: 20 Parts of Water and allow it to dry for minimum 6 hours in clear climate.

- The surface must be brought into Surface Saturated Dry condition (SSD).
- **2nd & 3rd Coat** : Apply 2nd coat of KABU BOND / BOND NEU acrylic-based Cementous coating by brush or roller all over the Terrace surface area with mixing ratio 1 part BOND: 1 part Water: 1 Part KABU TAP 441 (Tile adhesive Powder Type 2).
- Allow the membrane to cure for upto 2 to 6 hrs maximum before application of protection layer.
- **4th Coat** : Layover minimum of 45 GSM Geo Textile / Fiber mesh as per the requirement of the surface on the complete floor area
- **5th & 6th Coat** : Then apply 2nd coat of KABU BOND / BOND NEU acrylic-based Cementous coating by brush or roller with mixing ratio 1 part BOND: 1 part Water: 2 Part KABU TAP 441 (Tile adhesive Powder Type 2) all over the Terrace floor surface area. Allow the 4th coat to dry for 2 to 4 hours and apply one more same coat in perpendicular direction.
- Allow the membrane to cure for upto 2 to 6 hours or as required.
- **7th Coat** : Apply Ruff tuff texture on the surface to make the surface rough. Apply this texture with upto 2mm DFT.
- **8th & 9th Coat**: Apply 2 coats of KABU CLEAR COAT / ROCK Acrylic based Transparent coating as UV protection by brush or roller over top surface of Terrace area. The second coat shall be applied in 90° direction to the first coat after allowing the 1st coat to dry for minimum 2 hours.
- Allow it to dry for 48 to 72 hours.
- Curing and ponding test by filling water upto 1 to 2 inches maximum for 2 Days and Handover to the client.

Work Procedure for OLD TERRACE (Having old brick bat coba / with China chips):

Surface Preparation:

- **Floor Test** : Break & remove the complete existing surface built with China chips / IPS Top Layer wherever there are loose pockets after applying tap test and reach up to Brick Bat Coba. (Do not break Brick bat Coba. Then apply normal IPS to level the surface. In case if there are no loose pockets then there is no need to break or remove the coba / china chips surface.
- **Cleaning** : Clean the surface by washing to remove the grease residues, dust, loose materials, etc. from the surface.
- **Crack Filling** : If you find any cracks then you need to open the cracks in “V” groove format do the crack filling as required with cement slurry / paste made with KABU BOND / KABU BOND NEU, as required, then sealing the holes. Grouting / crack filling to be done with KABU BOND / KABU BOND NEU mixed with cement and water as per the thickness of the slurry as required to fill the cracks.
- **Replacement** : Repairing/replacing damaged patches of brickbat coba if required.
- **Washing** : Once the surface the ready with sloping and leveling then wash and clean the surface with water jet spray then allow it to dry.
- **Waterproofing** : Once your surface is clean and ready, then start the process of KABU ALL weather (7 Layer coating) as mentioned above.

Application of Waterproof coating : Same as mentioned above.

Note:

You can also check for cracks on parapet walls / water tank walls / etc. as a vertical surface where you need to repeat the process of Crack filling as mentioned above before doing any kind of waterproof coting.

For any further information / queries kindly feel free to call our customer care on 080 6218 0982 or email on info@kabu.world