

Bengal Building Solutions Pvt Ltd

A Wide Range of Building Materials & Waterproofing Solutions

TECHNO-COMMERCIAL PROPOSAL FOR WATERPROOFING TREATMENT TO THE BATHROOM / KITCHEN / BALCONY:

1) **Surface preparation:** Cleaning the surface by means of chipping, wire brushing & finally with sufficient clean water to make it free from all loose/ foreign particles i.e. loose deposits, dust, dirt, oil, grease, algae, fungi etc.

2) **Treatment to the joints between floor & walls:** Cutting the junction of floor & walls @ 12mm x 12mm by suitable means, cleaning the same by wire brushing & finally with sufficient clean water to make it free from loose deposits, dust, dirt, oil, grease, algae, fungi etc., application of One coat of waterproofing cement slurry admixed with Tigonis Superpower SBR Latex (1:4:7 = SBR Latex : Water : Cement) & filling the same with cement sand (1:4) mortar admixed with Tigonis Superpower SBR Latex @ 5% -15% by the weight of cement.

3) **Treatment to the joints drainage pipe areas :** Cutting the junction concrete & drainage pipes @ 10mm by suitable means, cleaning the same , apply of One coat of waterproofing cement slurry admixed with Tigonis Superpower SBR Latex (1:4:7 = SBR Latex : Water : Cement) & filling the same with cement sand (1:4) mortar admixed with Tigonis Superpower SBR Latex @ 5% -15% by the weight of cement.

4) **Waterproofing course:** Application of two coats of Tigoguard 2K / Tigoguard 2K plus (1:2 = Liquid : Powder) on the above cleaned & prepared surfaces by brush / roller in perpendicular direction maintaining an interval of 4-6 hours between the coats.

After waterproofing courses sprinkle dry coarse sand on the surface on tacky condition to provide mechanical key to the protective course.

5) **Protective Course :**

For Vertical Surface(Wall) :

Up to 300mm From floor level applying a protective plaster admixed with Megaproof WPC++ (ratio and Thickness as per Requirement) on the above treated surface.

For Horizontal Surface (Floor area):

Laying of Screed concrete admixed with Megaproof WPC++ (ratio and Thickness as per Requirement) on the above treated surface maintaining proper slope drainage spouts.





TECHNICAL SPECIFICATION FOR TREATMENT OF ROOF TOP

1. Surface Preparation: Removal of grout , tiles by cutting with machine to save from breakage however possible, removal of bed mortar by suitable means to expose the mother concrete to be treated. Cleaning the surfaces by chipping/ grinding, wire brushing & finally with sufficient clean water to make it free from all loose/ foreign particles i.e., loose deposits, dust, dirt, oil, grease, algae, fungi etc.

2. Repairing of crack (Up to 5mm)if any: Cutting the crack ((if any) in V/U shape by suitable means, cleaning the same by wire brushing & finally with sufficient clean water to make it free from loose deposits, dust, dirt, oil, grease, algae, fungi etc., application of One coat of waterproofing cement slurry

Admixed with Tigonis Superpower SBR Latex (1:4:7 = SBR Latex : Water : Cement) & filling the same with cement sand (1:4) mortar admixed with Tigonis Superpower SBR Latex @ 5% -15% by the weight of cement.

3. Angle fillet/ coving: Cutting the junction of Roof & Parapet walls @ 50mm x 50mm by suitable means, cleaning the same by wire brushing & finally with sufficient clean water to make it free from loose deposits, dust, dirt, oil, grease, algae, fungi etc., application of One coat of waterproofing cement slurry admixed with Tigonis Superpower SBR Latex (1:4:7 = SBR Latex : Water : Cement) & filling the same with cement sand (1:4) mortar admixed with Tigonis Superpower SBR Latex @ 5% -15% by the weight of cement.

4. Waterproofing course: Application of two coats of Tigoguard 2K /Tigoguard 2K Plus by brush/ roller on the surfaces in perpendicular direction maintaining an interval of 4-6 hours between the coats.

After waterproofing courses sprinkle dry coarse sand on the surface on tacky condition @ 300 – 500 Gms/Sqm to provide mechanical key to the protective course.

6. Protective course:

a) For Vertical Surface(Wall) :

Up to 300mm From floor level applying a protective plaster admixed with Megaproof WPC++ (ratio and Thickness as per Requirement) on the above treated surface.

b) For Horizontal Surface (Floor area):

Laying of Screed concrete admixed with Megaproof WPC++ (ratio and Thickness as per Requirement) on the above treated surface maintaining proper slope drainage spouts





TECHNO-COMMERCIAL PROPOSAL FOR WATERPROOFING TREATMENT TO THE BASEMENT :

1.Grouting Work:

- a) Construction joint, b) Void areas ,
- c) Leakage / seepage, d) Honeycombs '

Proper injection grouting of the above areas with suitable Grout Admixture mixed with Cement and applying by necessary tools and equipments.

2. Treatment of Construction Joints of Retaining Wall: Cutting the joint area to form a group 12 mm across the Joints. After proper cleaning the group area, the same to be filled with a coating of Tigonis Superpower SBR Latex modified cement slurry of 1:4:7 ratio followed by a mortar modified with Tigonis Superpower SBR Latex @ 5% to 15% by the weight of Cement on tacky condition

3. Protection of Tie Rod : Cutting the Rods and make whole at surrounding areas at the size of min. 25mm depth from edge by suitable means, cleaning the same ,and filled with a coating of SBR modified cement slurry of 1:4:7 ratio followed by a mortar modified with SBR @5% to 15% by the weight of Cement on tacky condition

4. Protection of wall and Basement Floor :

a) Surface preparation: Cleaning the surface by means of chipping, wire brushing & finally with sufficient clean water to make it free from all loose/ foreign particles i.e. loose deposits, dust, dirt, oil, grease, algae, fungi etc.

b) Treatment to the joints between floor & walls: Cutting the junction of floor & walls @ 12mm x 12mm by suitable means, cleaning the same by wire brushing & finally with sufficient clean water to make it free from loose deposits, dust, dirt, oil, grease, algae, fungi etc., application of One coat of waterproofing cement slurry admixed with SBR Latex (1:4:7 = SBR Latex : Water : Cement) & filling the same with cement sand (1:4) mortar admixed with SBR Latex @ 5% -15% by the weight of cement.

c) . Waterproofing course: Application of two coats of Tigoguard-2K / Tigoguard+ by brush/ roller on the surfaces in perpendicular direction maintaining an interval of 4-6 hours between the coats. After waterproofing courses sprinkle dry coarse sand on the surface on tacky condition @ 300 – 500 Gm / Sqm to provide mechanical key to the protective course.





d). Protective course:

a) For Vertical Surface(Wall) :

Up to 300mm From floor level applying a protective plaster admixed with Megaproof WPC++(ratio and Thickness as per Requirement) on the above treated surface.

b) For Horizontal Surface (Floor area):

Laying of Screed concrete admixed with Megaproof WPC++(ratio and Thickness as per Requirement) on the above treated surface maintaining proper slope drainage spouts

5. Waterproofing course: Application of two coats of Tigoguard 2K /Tigoguard+ by brush/ roller on the surfaces in perpendicular direction maintaining an interval of 4-6 hours between the coats.

After waterproofing courses sprinkle dry coarse sand on the surface on tacky condition @ 300 – 500 Gms/Sqm to provide mechanical key to the protective course.

6. Protective course:

a) For Vertical Surface(Wall) :

Up to 300mm From floor level applying a protective plaster admixed with Megaproof WPC++(ratio and Thickness as per Requirement) on the above treated surface.

b) For Horizontal Surface (Floor area):

Laying of Screed concrete admixed with Megaproof WPC++(ratio and Thickness as per Requirement) on the above treated surface maintaining proper slope drainage spouts

For Long Lasting Waterproofing Solutions

Call us on 91-7439133787

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