

**TECHNICAL SPECIFICATION**

**WATERPROOFING TREATMENT  
FOR BASEMENT**

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Sl.No.	ITEMS	UNIT
1.	Chipping & Cleaning the wall surface of the Basement from <b>outside</b> by means of wire brush to expose the concrete surface which should be free from all loose particles dust, laitance etc.	Sq. Mtr
2.	Cutting 1” deep ‘V’ groove all along the construction joint <b>from outside</b> and sealing the same with Polymer Mortar based on “ <b>Hind Crete Plus WPM</b> ”	R.Mtr
3.	Chipping to a depth of 10 mm all-round the annular space of the inserted Tie Rod used for fixing Shuttering <b>from inside and outside</b> of the wall and filling the same with Polymer Modified fibre reinforced repair mortar based on <b>Hind Patch R</b> .	Per Tie Rod in Nos. (Inside & Outside)
4.	Sealing the annular spaces of the larger diameter pipes fixed on the walls ( <b>100mm, 150mm &amp; 200mm Diameter</b> ) with Polymer Modified fiber reinforced repair mortar based on <b>Hind Patch R</b> , over a cementitious bond coat based on <b>Hind Crete Plus WPM</b> all complete from <b>inside &amp; outside</b> .	Per Pipe
5.	Sealing the annular spaces of the smaller diameter pipes fixed on the walls ( <b>50mm.75mm Diameter</b> ) with Polymer Modified fibre reinforced repair mortar based on <b>Hind Patch R</b> , over a cementitious bond coat based on <b>Hind Crete Plus WPM</b> all complete from <b>inside &amp; outside</b> .	Per Pipe
6	Application of Two (2) coats of ‘ <b>HIND HYDROLAST 2K</b> ’- <b>Elastomeric, Acrylic Polymer based cementitious</b> slurry coating from <b>outside</b> after sealing of Tie Rod Holes, patching of ‘Groove work is completed and prior to backfilling work.	Sq. Mtr.
7.	Fixing of 18mm dia. PVC Nozzles all along the construction joints <b>from inside @ 1000 mm c/c on the slab and @ 1500 mm c/c</b> all along the Construction Joints <b>on the Wall</b> prior to Injection grouting work.	Per Nozzle
	Additional Nozzles to be fixed on the Honey comb area, apart from the Construction Joints <b>from inside</b> for Injection Grouting.	
	Pressure Injection Grouting by means of pressure pump with Cement Slurry admixed with <b>Hind Plast EGA – Non Shrink Grouting Compound</b> through the PVC Nozzles fixed and properly sealing them after grouting work is completed.	
8.	Application of <b>Sand Cement Plaster</b> for an average thickness of <b>12 mm</b> in the ratio ( <b>1 part Cement: 3 parts Sand</b> ) when the second coat is still green on the Wall from <b>outside after coating and prior to backfilling</b> .	Sq. Mtr.