

**CHAPTER-11
ROOF WORK**

S. No.	SCH. P.W. D	ITEM NO NBO	Description of Work	P.W.D SPEC. NO.	UNIT	LABOUR RATE	OVER ALL RATE
1	2	3	4	5	6	7	8
1	New	A	<p>Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with waterproofing compound conforming to IS: 2645 and approved by engineer-in-charge over the RCC slab including adjoining walls up to 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20mm thick layer of cement mortar of mix 1:5(1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS:2645 and approved by engineer-in-charge to required slope and treating similarly the adjoining walls up to 300mm height including rounding of junctions of walls and slabs. c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS:2645 and approved by Engineer-in-charge. d) Finishing the surface with 20mm thick joint-less cement mortar of mix 1:4(1 cement : 4 coarse sand) admixed with waterproofing compound conforming to IS:2645 and approved by engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm sq. 3mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the engineer-in-charge. With average thickness of 120mm and minimum thickness at khurra as 65mm. NOTE :- It is suggested that this method should be adopted after ensuring the structural safety of the structures.</p>		Sqm	-	1050.00
	New	B	<p>Providing and laying waterproofing treatment in sunkeri portion of WCs, Bathroom etc. by applying cement slurry mixed with waterproofing cement compound consisting of applying: a) First layer of slurry of cement @ 0.488 kg/sqm mixed with waterproofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with waterproofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>		sqm		300.00