

Sub.: Revised Guide Line Rates for Waterproofing Works

Engineers / supervisors shall wherever possible determine the quantum of work and repair an estimate using the guideline rates, after which lumpsum amount for the work shall be fixed.

Sl.No	Description	Rate	Units
1.	Overhead tank – surface cleaning, I coat water proof plaster with RBR & IWP, pressure grouting, Finish coat plaster with RBR & IWP. Rate includes labour & lifting charges. For old tanks chipping cost not included.	25.00	per sft
2.	Chipping cost for old tank – labour, cleaning & removal of debris	16.00	per sft
3.	Slope Roof: surface cleaning, I coat water proof plaster with RBR & IWP, pressure grouting, finish coat plaster with RBR & IWP, semi-smooth finish as top coat. Rate includes labour & lifting charges. Upto I & II floors only.	17.00	per sft
4.	Terrace (upto 25 ft height): surface cleaning, application of SBR cement slurry, baby chips mortar with drain slopes mixed with IWP, application of SBR cement slurry, finished coat with mortar mixed with IWP with neat cement slurry final finish & false lines. Rate includes labour & lifting charges. For bungalows up to II floors	18.00	per sft
5.	Terrace : Same as above. For apartments upto stilt + 5 floors – add lift charges LS for all floors For apartments upto stilt + 8 floors – add lift charges LS for all floors	1.50/- 2.50/-	per sft
6.	Cellar floor: Box method with shabad stone. Surface preparation, fix stone, rough plaster with RBR, fill gaps with cement slurry with grout add mixture. Stone to be provided by Builder.	26.00	per sft
7.	Cellar side walls: surface cleaning, I coat water proof plaster with RBR & IWP, pressure grouting, Finish coat plaster with RBR & IWP. Rate includes labour & lifting charges.	18.00	per sft
8.	Lift pit water proofing by box method as in serial no. 6 above. Lift pit upto size 7 ft x 7 ft x 7 ft.	12,000/-	per lift pit
9.	Sunken Bathroom: surface cleaning, then apply Hyseal, I coat water proof plaster with RBR & IWP, Pack holes with RBR, fill with brickbat, finish coat plaster with RBR & IWP with 9” above SFL on to the side walls. Rate includes labour & lifting charges. For bathroom larger than 8 ft X 6 ft. add @ of Rs. 20 per sft on floor area.	1,800/-	per bathroom
10.	Bathroom (not sunken with core cutting): surface cleaning, Pack holes with Epoxy/ latex bonding agent & micro concrete, then apply Hyseal, I coat water proof plaster with RBR & IWP upto 9” on to the side walls. Rate includes labour & lifting charges. For bathroom larger than 8.5 ft X 4 ft. add @ of Rs. 15 per sft on floor area.	2,000/-	Per bathroom
11.	Wash area & Utility areas(with core cutting): surface cleaning, Pack holes with Epoxy/ latex bonding agent & micro concrete, then apply Hyseal, I coat water proof plaster with RBR & IWP upto 9” on to the side walls. Rate includes labour & lifting charges. For areas larger than 50 sft add @ of Rs. 15 per sft on floor area	1,800/-	per utility
12.	Hole packing (for core cutting) in balconies and common passages: Pack holes with Epoxy/ latex bonding agent & micro concrete. For 3”/4” PVC pipes and for nahni trap.	200/-	each

13.	Sump, Cellars & Swimming pool (RCC) – surface cleaning, then apply Hyseal, I coat water proof plaster with RBR & IWP, pressure grouting, finish coat plaster with RBR & IWP. Rate includes labour & lifting charges.	26/-	per sft
14.	Small Job works (Less than Rs. 2,500/-) 1 Mason + 2 helpers with tools & conveyance – Chemical cost as per actual	1,300/-	per day
15.	Expansion joints filling with polysulphide filler upto 1” width, turnkey job with 3 years warranty	900/-	running meter
16.	Expansion joint treatment at terrace by torch on membrane. Process includes surface cleaning, application of Pumer (Butamin base), fixing of Dr. Fixit Torch – on membrane, pouring of hot melt adhesive over the membrane and trowelling for required finish. 4mm double layer 4mm single layer	70/- 60/-	Per sft Per sft
17.	Sunken area outside bathroom: surface cleaning, then apply Hyseal, I coat water proof plaster with RBR & IWP, fill with brickbat, finish coat plaster with RBR & IWP with 4” above SFL on to the side walls. Rate includes labour & lifting charges. For areas larger than 20 sft add @ of Rs. 20 per sft on floor area.	600/-	LS
18.	Grouting in RCC or walls for repair of leakage. Making holes, fixing pipe in holes, pumping with cement slurry/chemical, removal and packing of holes/pipes. For minor works with less than 20 points For larger works greater than 20 points	150/- 100/-	Per point

Lumpsum rates for water proofing works for Villa projects shall be as follows:

S. No.	Type of house (with or without sunken slabs)	Lumpsum Amount per villa
1.	Simplex villa	Rs. 18,000/-
2.	Duplex villa	Rs. 22,000/-
3.	Water proofing of stone cladding (new method). Polymer membrane coating with bonding agent and coating with Zycocil on plaster surface before stone cladding. Mortar for stone cladding to be mixed with IWC (at builders cost).	Rs. 10,000/- for simplex Rs. 17,000/- for duplex

Notes:

- Rates are for turn-key jobs. Cement metal, chips & sand to be supplied by Builder. Labour chemical etc. to be provided by Contractor. Lift charges included in above rates.
- Billing to be given as per Intl memo no. 912/77.
- Abbreviations:
 - RBR: Roof Bond Repair
 - IWC: Integral waterproofing Compound
 - SBR: Styrene Butadiene Rubber
- Rates applicable for:
 - All works taken up after 01.01.2018.
- Guarantee – 5 years
 - In case of leakage within a period of two years from handing over possession, water proofing must be taken up by the contractor at his cost. Debit additional Rs. 2,000/- per bathroom / wash area for breakage, removal and re-fixing of tiles. For other works debit Rs. 10/- per sft. These shall be levied as penal amounts irrespective of actual cost (for the inconvenience caused).
 - In case of leakage within a period of more than two years and less than five years from handing over possession, water proofing must be taken up by the contractor at 50% of the approved cost.
 - This guarantee shall apply with retrospective effect for all earlier works.
 - Rates inclusive of GST.