



COMPLETE WATERPROOFING SOLUTIONS

TCS

pls put this in
STMS as suggested
note to PCs to
adopt for slab leakage
and repairs to exposed
reinforcement/structural
work.

DA
28/9/2020
Advisor (Indes)

Waterproofing Systems

Submitted by: Berger Paints India Limited

Kindly Atten : Shri Akunuri Murali, Advisor (Infrastructure)-Govt. Andhra Pradesh

Subject: Specification & Method statement **Structural repairs, Expansion Joint/Construction Joint treatment, Terrace Water Proofing system**



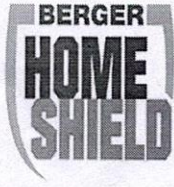
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Dear Sir,

With reference to your enquiry, we are Submitted Specification on structural repairs, Expansion/construction Joints and Terrace waterproofing system for our Schools.

1. Structural Repairs for before Painting:

SL.NO.	DESCRIPTION	UOM	Cost/Unit Rs.
A	Ceiling Area & Columns and Beams		
1	Surface Preparation: Surface to be free from frost, surface laitance and contamination free from loose aggregate while doing Hammering into ceiling Portion and columns and beams.	SQMT	400
2	Anti-Corrosive Treatment : Apply and supply of Anti-corrosive Treatment for exposed Rebar's in Ceiling or columns and beams are 1. Applying Rust cleaning agent Berger HS ShaliRust off effected surface by using cotton waste cloth or Brush. Leave the coated surface min.20 to 30 Min. then Rust surface will change the colour automatically original Blackish colour. 2. Apply and supply of 2 coats of Anti-Corrosive coating with Berger BP ROZC Primer of with 4 Hr. Interval	SQMT	
3	Application of Acrylic Bonding Agent: Apply and supply of Acrylic Bonding Agent with Berger HS Super Latex – 1 coat and let it air dry for 2-4 hrs.	SQMT	
4	Protection Layer: Providing and applying plastering with CM 1:4 mixed with Berger HS Cement mix Plus (Integral waterproofing compound confirming to IS 2645) at the dosage of 200ml/bag of cement over waterproofing system to a minimum thickness as per site requirement.	SQMT	



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2. Terrace Roof Slab Water Proofing Treatment

PU waterproofing coating			
1	<p>SURFACE PREPARATION: Identify cracks, crevices and honeycomb areas on slab surface & at junction of floor slab and walls and then chasing them open in the form of "V" groove and fixing PVC nozzles of 18 mm dia. Fill the "V" groove with Berger HS Crackfiller Powder and HS Super Latex Mixer And grouting the same in cement slurry admixed with Berger HS admix Grout, expandable grout additive @ 225gms per bag of cement of 50 kg., to full saturation</p>	SQM	475
2	<p>COVING: coving with CM 1:4 admixed with Berger HS Cementmix Plus 200ml per 50kg cement and application etc complete (.If necessary)</p>	RMT	
3	<p>SYSTEM:</p> <p>Providing and applying waterproofing coating shall be Berger HS PU Roofcoat a high performance PU Water based, Liquid waterproofing Membrane with High elongation and UV Resistance Waterproofing coating .one coat self-Priming with 50% dilution of water and Next 2 coats are undulation coats with 4 to 6 Hrs Interval must be applied to the substrate and allowed to dry until it is tack free. Strictly following Specification Instruction and Complete etc.</p>	SQM	



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3. Expansion Joint Treatment/Construction Joint Treatment:

S.No	Description	UOM	Rate/unit
1.	<p>Sealing of Expansion joint/Construction Joint in wall- floor-roof Slab: Providing and sealing of all expansion joints/Construction Joints with a cold applied polysulphide based sealant – Berger HS Jointseal PG/GG. The sealant is applied after applying Primer to the sides using a small nylon brush and leave for 10 minutes before Filling. The sealant should be laid over a rot proof, compressible and bitumen free closed Backer Rod. Joints shall be prepared and the sealant mixed and applied in accordance with the manufacturer's datasheet.</p>	RMT	850.00

Product Pack size and Pricing Details

Product Name	Pack Size (Kg/ltr)	Price/Pack Rs.	Rate/Kg or Ltr Rs.	Coverage/Kg or LTR SQMTR	Material Cost/SQM Rs.
Berger HS Shalirust off	20	2012	101	9	11
Berger BP ROZC Primer	20	2025	101	10	10
Berger HS Latex Plus	20	4090	204	NA	
Berger HS Cement mix Plus	20	1569	78	NA	
Berger HS Crackfil Powder	5	266	53	NA	
Berger HS Admix Grout	20	1103	55	NA	
Berger HS PU Roof coat	20	6608	330	1.2	396
Berger HS Jointseal GG/PG	4	1012	253	NA	
Berger HS Jointseal Primer	0.5	247	493	NA	



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Terms & Conditions:

- The rates quoted above are **INCLUSIVE of GST -18%**, any change in govt levies will be charged as per actual
- All material freight cost included in the pricing mentioned
- Payment of 40% advance during work order release; balance as per work progress
- Actual area measured to be considered for billing & payment purposes
- Necessary sand, cement, power and water are to be provided by client onsite
- Berger technical personal (application engineer or sales engineer) inspection happens during the execution phase and later phases of the work
- 10 years of applicator backed warranty can be extended for terrace areas
- The above prices are valid in AP region only
- Any hike in taxes & duties, at the time of dispatch of goods, the same shall be charged at actual.
- The material will be dispatched within 7-10 Days of time upon receipt of techno-commercially clear Purchase order at our end.

Assuring you of our best services always and looking forward to receiving a favorable communication from your end in due course.

For Berger Paints India Limited

**Bonu Murali Krishna
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