

BOQ

Recommended system: PVC loose laid membrane using PROOFEX PGP

Sl.No.	Item Description	Rate/Sqm
1.0	Surface Preparation: Preparation of the concrete Surfaces should be free from cavities and projecting nibs. All surfaces shall be dry and free from frost, surface laitance and contamination.	
1.1	Reinjectable Hose Pipe: At All Construction Joints: Providing and fixing Supercast Predimax Where shown on the contract documents, the reinjectable injection hose shall be made of a smooth finished, double walled PVC based hose with staggered openings. The reinjectable injection hose system shall allow injection of PU and epoxy resins, acrylate gels and cement suspensions	
1.2	Grout : Pressure grouting Cracks and honeycomb areas with cement grout mixed with Cebex 100 at 225gram/bag of cement	
1.3	Coving: Providing and Applying at the junction of slab and vertical offsets with Cement Mortar 1:4 and admixed with Nitobond SBR at dosage of 1L per 50 kg of Cement or as per site condition .	
1.4	System: Providing and laying/fixing PVC membrane of non-flammable waterproofing of Basement & Retaining wall which shall be a 2.0mm thick loose laid membrane. Proofex PGP membrane layers are overlapped to achieve a weld of 50mm. Hot air welding can be either hand applied or by means of automatic machines and The roll's either ends are over lapped with 100mm are in staggered position the membrane which shall be sandwich between Separation layers of non-woven geotextile membrane. The separation layer provided to prevent the mechanical abrasion and cushioning between the Proofex PGP membrane and the concrete substructure.	
1.5	Separation Layer: On substrate fixing first Separation layer of geotextile membrane min. 300 GSM, by overlapped 100mm followed by Proofex PGP loose membrane hot welded system and fixing second Separation layer of geotextile min 300 GSM & 140 GSM by over lapping 100mm The separation layers provided will prevent the mechanical abrasion between the Proofex PGP membrane and the concrete substructure. Horizontal Surface - Min 300 GSM + Proofex PGP + Min 300GSM Vertical Surface –Min 300 GSM + Proofex PGP + Min 140GSM	
1.6	Creating water stop compartments Note: compartments by welding the PVC water stops over membrane using Supercast Rearguard S PVC All around the sides of every maximum 250 to 300 Sq.m rafts and retaining wall, also providing min 3nos of Flanges with hose	



constructive solutions

	pipes which shall be welded with in the compartment to injectable as per the manufacturers methodology the Proofex PGP shall be terminated using water stoppers so as to make isolated chambers	
1.7	Protection Layer: Protect the surface of the Fosroc Proofex PGP with minimum 50mm thick screed concrete; screed shall be laid after 24 hours of application of Fosroc Proofex PGP. *Under CIVIL Works Scope	