

METHOD OF STATEMENT

Tech/CC/0103 / Rev 01 23112021

WATER PROOFING TREATMENT - Basements

SURFACE PREPARATION:

- Surface preparation is the most important for Basement/ Negative pressure water proofing system before applications.
- The concrete surface shall be clean and free from contamination such as dust oil grease, organic growth and release etc. Ensure the floor surface water leakages area by the method of Water Permeability Test or Ponding water test will be carried out as per **IS 3370 Part 3** for seven days as instructed.

Concrete Floor Slab Repairs:

The porous concrete area cut back to 75mm to 100mm or roughly 50 % of the concrete by using core cutting machine & repair with freshly laid cement concrete mortar admixed with **Krystal PA** (Crystalline Powder Admixture) @ 1kg/50 kg cement.



For Sealing of Floor to Walls corners:

- **MonoSeal SWB** (Swellable Water Stopper Bar) act as a sealant at RCC Masonry concrete joints & prevent any seepage of water in or out through joints. The swellable Water Stopper Bar withstand expansion or contraction movement at joints and take care of any deflection or displacement arising due to change in temperature, differential settlement of foundation, Geo disturbances causing Seismic forces like earth quack, thus eliminating danger of cracks.

Floor Hardener:

Applying **MonoTreat HT** (Dry shake non metallic Floor Hardener) apply 3 to 4 kg / Sq.m @ 1mm thickness. Power trowelled and allow curing 7 days.



Product Used

Product Name	Code	Pack Size	Description
Krystal PA	CW08	1 Kg	Crystalline Powder Admixture
MonoSeal SWB	JS07	1 Roll	Swellable Water Stopper bar
MonoTreat HT	ST01	25 Kg	Dry shake Floor Hardener

SUBMITTED BY

Technical Service Head

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