

METHOD STATEMENT FOR DAMP PROOFING AND PROTECTION AGAINST RISING WATER DAMPNES*-NEW CONSTRUCTION

**Efflorescence is the resultant effect of rising water dampness*

Concreting with Integral Waterproofing compound:

Mixing & Application

- Place cement and aggregates into the concrete mixer as per the mix design, mix in dry state. Mix for one minute and add about 80% pre-measured water and further mix for 2-3 minutes.
- Add Dr. Fixit LW + 200 ml per bag of cement as per the recommended dosage into the remaining 20% water. Add this mixture into the concrete mixer and mix for another 2 minutes. Place the obtained concrete used for DPC, PCC, RCC as needed. The product Complies as per IS 2645-2003 Standards.
- Cure the applied concrete as per good construction practices.

Damp proof Coating on Plinth beam:

Damp proof Coating:

- Providing & Applying 1 coats of Dr. Fixit Pidicrete URP admixed with Cement in the ratio of 1:1.5 (1 part URP:1.5 Cement) @ 4 Sqm/Kg to be applied over the entire plinth beam as per manufacturers specification.
- Mix the prepacked Dr. Fixit Fastflex using slow speed mechanical mixer, add powder component slowly to the polymer in a clean container.
- Stir till smooth and homogeneous slurry, without any lumps, is achieved. Do not dilute with water.
- Allow the mixed slurry to stand for 2-3 minutes for releasing trapped air during mixing.
- Apply 1st coat of Dr. Fixit Fastflex slurry by brush. Allow it to dry completely for 6-8 hrs.
- Apply 2nd coat of Dr. Fixit Fastflex slurry by brush, over the first coat. The second coat shall be applied in 90-degree direction to the first coat coverage at the rate of 0.42 - 0.50 M² / Kg / 2 coats to achieve DFT of 1.2 mm.
- Allow the coating to cure for minimum 3-5 days before application of DPC mortar and finishing.

Rising dampness - Preventive waterproof coating for both internal and external masonry walls.

Waterproof Coating Application on Internal & External wall with Dr. Fixit Fastflex:

- Providing & Applying 1 coats of Dr. Fixit Pidicrete URP admixed with Cement in the ratio of 1:1.5 (1 part URP:1.5 Cement) @ 4 Sqm/Kg to be applied over the entire brick masonry wall upto 1m height as per manufacturers specification.
- Mix the prepacked Dr. Fixit Fastflex using slow speed mechanical mixer, add powder component slowly to the polymer in a clean container.

- Stir till smooth and homogeneous slurry, without any lumps, is achieved. Do not dilute with water.
- Allow the mixed slurry to stand for 2-3 minutes for releasing trapped air during mixing.
- Apply 1st coat of Dr. Fixit Fastflex slurry by brush. Allow it to dry completely for 6-8 hrs.
- Apply 2nd coat of Dr. Fixit Fastflex slurry by brush, over the first coat. The second coat shall be applied in 90-degree direction to the first coat coverage at the rate of 0.42 - 0.50 M² / Kg / 2 coats to achieve DFT of 1.2 mm.
- Allow the coating to cure for minimum 3-5 days before application of plastering and finishing.

Internal & External Wall Plastering (masonry walls):

- Apply 1 coat of spatter dash bond coat applied over the waterproof coating Dr. Fixit Fastflex. The bond coat shall consist of (1 part Dr. Fixit Pidicrete URP: 1 Part cement: 1.5-2-part wash river sand) and mixed to thick slurry and kept well stirred. It shall be applied using a strong whipping motion on the wall. On setting and hardening the spatter dash shall give a good key for the subsequent plaster to be applied.
- Lay 12-15mm thick plaster in 2 coats over the prepared surface of cement: sand mortar in the ratio of (1:4) admixed with integral waterproofing compound Pidiproof LW+ @ 200ml per bag of cement.
- Finish the plaster surface in trowel finish, curing of the surface by water sprinkling for the period of 7 days.

Note – Proceed for fresh putty / painting after 3 weeks.

Precautions & Limitations:

- No dilution with water and part mixing.
- Always add powder to liquid to avoid lump formation.
- Always protect the membrane with screed in areas exposed to foot and other traffic.
- Do not apply when temperatures are below 10° C and above 35° C
- Avoid skin contact, use of gloves and safety glasses is recommended while using the product.

Disclaimer

M/s Pidilite will not accept any liability or responsibility for the application defects arising through the variation or deviation from the above method statement under any condition.

