



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

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ELASTOMERIC WATERPROOFING

APPLICATION METHODOLOGY

1. Surface Preparation

- Clean the surface thoroughly by removing dust, oil, grease, loose particles, and algae.
- Ensure the surface is dry and structurally sound.
- Repair cracks, voids, and damaged areas using suitable fillers or repair mortar.
- Provide reinforcing mesh/tape at joints, corners, and critical locations.
- Fibre mesh overlap up to 5 cm.

2. Primer Application

- Apply suitable primer uniformly using brush, roller, or spray.
- Ensure complete coverage of the surface.
- Allow the primer to dry for 1–2 hours or as per manufacturer's specification.

3. First Coat Application

- Apply the first coat of elastomeric waterproofing material evenly.
- Use brush, roller, or spray for application.
- Maintain uniform thickness throughout.
- Apply in a single direction.
- Average consumption 12.2 kg/sqm

4. Second (Final) Coat Application

- Allow the first coat to dry for 6–8 hours.
- Apply the second coat in the opposite direction.
- Ensure full coverage and eliminate pinholes or gaps.

5. Curing

- Allow curing for 24–72 hours.
- Protect the surface from water exposure and damage during this period.

Approved Brand- Sika fostroc Stp Ltd and Asian paints