



GEOGRID

INSTALLATION GUIDE
FOR CONCRETE REINFORCEMENT

TITAN ENVIRONMENTAL CONTAINMENT

**TE-SCR
ConForce GRID**



TITAN ENVIRONMENTAL CONTAINMENT

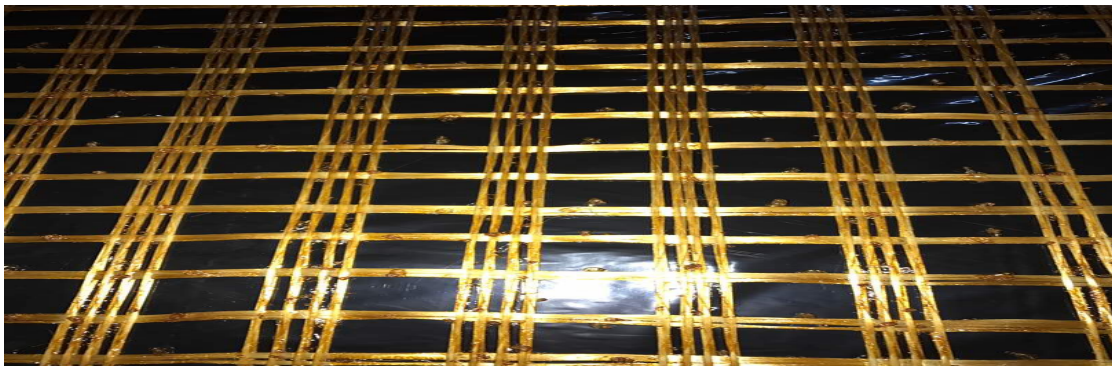
TE-SCR ConForce Grid Installation

Surface Preparation:

- Prepare the granular base of required thickness as per engineer's specifications.

Installation Details:

- Pour the concrete on the base or the frame.
- For 100 mm thick slab, you may place the ConForce Grid at least below 20mm from the top surface and then rest of the concrete to be poured immediately over the ConForce Grid.
- The ConForce Grid can also be placed at a different height or as per engineer's recommendation. The minimum clearance required from the top or bottom is 20mm.
- For non-structural ground supported slabs, one layer of ConForce Grid should be sufficient. However more than one layer may be used for structural concrete reinforcement.
- Previous studies have evidenced that by placing the grid near the top surface minimizes the shrinkage cracking, as it acts as a stress absorbing membrane.
- For achieving the structural reinforcement using the ConForce Grid, the placement can be adjusted more towards the middle of the slab or as recommended by the project engineer.
- The optimum location is based on whether only the shrinkage cracking is to be minimized or a structural reinforcement of concrete is required.



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