



Placing iNFORCE steel fibre concrete

1. General

- Ideal slump is 120mm
- Concrete to be mixed 3 to 5 mins immediately prior to discharging into pump
- Concrete delivery must be timely. No more than 15mins between loads
- No water to be added at site without engineer's authorisation

2. Placing

- Laser screed or vibrascreed 2 passes. Create the cream
- Bug roller once. Creates more cream and knocks down the fibre
- Bull float with vibrating float
- Close up roller texture and level
- After waiting ½ hour, vibrating bull float final pass to eliminate any lines
- Leave edges and steel edges flat
- Mag float is best for edges
- Leave no lines

3. Finishing

- Mag float all edges
- Open-up when no more than 3mm foot imprint
- Pan as usual as there should be plenty of cream
- Mag the edges again
- 1 labour unit walking the floor looking for fibre and removing
- Each panning pass should be at 90° to the previous pass
- Mag edges
- 1 labour unit walking the floor looking for fibre and removing
- Pan one pass at 45°
- Mag edges
- 1 labour unit walking the floor looking for fibre and removing
- Second 45° pan pass perpendicular to the previous 45° pass
- Continue process until surface is ready for combination blades
- Mag edges
- Keep blades flat and do one pass perpendicular to the last panning pass.
- Surface should be pretty much ready to finish with plastic blade passes
- Work passes in straight lines
- Tidy up all edges
- Last time 1 labour unit walking the floor looking for fibre and removing
- Final finishing passes with plastic blades flatish to half-pitched

Tidy up everything especially the joints and the walls and final check for fibres sticking up in surface. Be very careful of pulling fibre out to avoid creating small holes.

Leave site tidy.

Need further help or support?

Please contact the iNFORCE team:

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