

Cast-In-Place Mix

Placing & Trowelling Instructions



Equipment Required

1. Straight edge long enough to span your mould
2. PPE Listed below
3. Pool trowel or similar
4. Plastic Sheeting - enough to cover the concrete and a margin beyond that
5. Blankets - enough to cover the concrete (heated blankets) if the project is outdoors in cold temperatures.

Personal Protective Equipment

The following Personal Protective Equipment is advised;

- a. Gloves or Nitrile Gauntlets
- b. Eye Protection (goggles or glasses)
- c. Disposable Overalls

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You should now have a fibre-loaded back coat ready to start your concrete placement. If not please refer to the **Mixing Instructions for the Cast-In-Place Mix**.

Back Coat Placement

1. Place the fibre-loaded mix into the mould.
2. Fill the mould up to 5mm below the top of the mould.
3. Press the mix firmly into the edges to remove any voids.
4. Use a straight edge to check the level is just below the top of the mould, adding/removing mix as necessary.

Face Coat Placement

5. Add the fibre-free face coat over the top of the back coat filling the top 5mm of the mould.
6. Run a straight edge over the face coat to ensure it is level, add/removing mix as necessary
7. Once the mould is filled, lightly trowel the surface to level out any imperfections.
8. Leave the concrete for between 30 minutes (hot day or air temp) to 6 hours (cold day, cold air temp), to be firm enough for "hard-trowelling". CHECK EVERY 30 MINUTES.

PRO TIP - THE CONCRETE IS READY WHEN ITS DIFFICULT TO MAKE AN INDENTATION WITH YOUR FINGERNAIL

9. Hard trowel the surface to create a smooth surface (hard-trowelling is the action of using the trowel to create a smooth surface while applying force.)
10. Cover the finished concrete with sheet plastic to prevent moisture loss. Cover the plastic with blanket(s) to prevent heat loss. If it is very cold consider using heated blankets over the plastic sheet.