



## Finishing iNFORCE concrete slabs

### 1. Timing

- A general rule/guide is that a foot depression of 3-4mm means it's ready to start the finishing operation
- Going on too early can cause the machine to dig into the surface
- Going on too early can trap bleed water, which can cause floor problems later
- Going on too late results in cutting and filling being difficult to achieve

### 2. Panning machines

- Benefits of panning
- Breaking in can seem a little difficult because you can perceive there to be a lot of cream or it's soft, but you'll know with timing and 3mm footprint
- Breaking in at the right time allows the hydration to continue by removing the top 'skin' or 'crust'
- Flattens and knocks down the high (and with good technique) can blend-in the low areas
- Brings cream to the surface, filling small imperfections and improve workability

### 3. Influence of machine size

- Larger heavier machines can increase the cream at the surface

- Heavy machine also knocks down steel fibre that's tending to stand-up
- Flattens the highs and spreads the cream to fill the lows

#### 4. Panning technique

- Long straight runs are best
- Use a larger, heavier machine
- Keep on with this machine until it becomes a little hard, then add a second panning machine
- Turn at end of runs in a long gentle loop circular motion
- Always go backwards along edges and matching up to combo edges
- Keep transitions between areas in nice straight lines
- Run alternate hits at at 90° to each other. As the surface gets harder, do a couple of diagonal hits
- Watch out for loads wetter than the norm for the project

#### 5. Combination blades phase

- Blades almost flat. Just a quarter turn up. Use a medium weight machine
- Keep runs as straight and long as possible
- Turn at end of runs in a long gentle loop circular motion
- Always go backwards along edges and matching up to panning edges
- Keep transitions between areas in nice straight lines

Continue the process until the concrete starts to turn and watch the machine blades at this stage as you may need to keep pitching the blades so as to not leave ring lines

- You may need to follow the pattern of how it's going off
- Do not miss anything
- Keep off over-wet areas

Just before finishing off with a slight burn, start using a lightweight machine

## 6. For an advanced surface finish add these steps

- Utilising a light machine assists with achieving a good mirror finish
- Use steel-reinforced plastic blades with radiused corners
- Take close care to not go on wet areas when matching up to combo areas to avoid issues or build-up on blades. Do not miss anything
- Be watchful for debris coming off other machines
- Keep runs as long and straight as possible
- Keep watching the concrete and the blades as you'll be able to 'read' when it's enough. Take care not to over burn or starch the floor
- Must be experienced operator for this stage
- Go for a walk and have a look where you need to hit, you can't see from the seat
- Extra care on the last hits and keep watching the concrete and the blades

Remember every hit you do you must have at least two people looking for fibre in the surface throughout the process right the way to the final finish

## Need further help or support?

Please contact the iNFORCE team:

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