

Polished Concrete Outdoor Furniture

Application and finishing process

What you'll need

ELECTRIC TOOLS



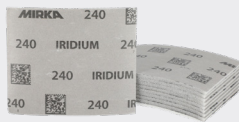
Mirka® DEROS II
150mm • 5.0mm Orbit
Random Orbital Sander

ABRASIVES



Abranet® 150mm Discs
Grit 240

HAND PADS



Mirka Iridium™ Soft
115 x 140mm Hand Pads
Grit 240



STEP 1

- Create form and silicone joints for a rounded edge and prevent leaks.



STEP 2

- Pour UHPC concrete into form and let it cure for 1-2 days.



STEP 3

- Remove form work. Fill any pin holes with a concrete slurry.



STEP 4

- Sand surface with Mirka® DEROS II and Abranet® P240 150mm discs.



STEP 5

- Use Mirka Iridium™ Soft Hand Pads to finish the edges.



STEP 6

- Apply four applications of sealant to protect the concrete surface.

Tips:

- After pouring the concrete mixture submerge basalt mesh/and or FRP rods to provide added strength
- Clean surface after sanding before applying the sealant
- In Step 6 use a ICT reactive sealant to provide added protection

Always use the correct PPE when undertaking any sanding operation, please refer to the TDS for all information.
Always use dust extraction when undertaking any sanding operation.
Always follow the manufacturer instructions.