



# ***APPLICATION***

# The Importance of Correct Application

- Ensures best possible bond between Quartzon and substrate
- Prevents drummy spots and delaminations
- Prevents future maintenance issues
- Achieves a smooth, durable, attractive finish.

# The Last Step in the Pool Building Process!

- Pool fence complete/all council requirements fulfilled (legal implications)
- All pool construction works must be completed
- All surrounding landscaping works must be completed.

# Tarp Entire Pool Area



- Ensures consistent temperature throughout application and curing process
- Prevents uneven exposure to sunlight
- Protects from unforeseen weather conditions.

# Ensure a Clean Sound Substrate

- No cracks, drummy spots, weepers, exposed steel
- No dust or surface laitents
- Clean, sound substrate.



# Dampen the Substrate



- Use clean, potable water
- Quartzon must be applied to a damp substrate
- Prevent water loss from render
- Protect hydration process
- Provide suction.

# Mixing Quartzon



- Can be pumped or mixed using a mixer
- Add only clean potable water
- Three litres per 20kg bag
- No other additives are required
- Consistent water content gives consistent colour.

# Too Much Water

- Weaken the Quartzon
- Lengthens drying time
- Can cause sagging/  
cracking.



# Too Little Water



- Dry out rapidly, poor hydration
- Cracking, crumbling
- Poor bond, delaminating.

# Addition of Calcium as an Accelerant

- Not recommended
- Irregular, rapid drying (cracking/crazing)
- Weakens Quartzon
- Irregular curing
- Colour and strength variations.

# The Rendering Process

- Begin with the walls, from cove to tile band
- Floor next, start from the deep end and work back
- Finish with the steps and out of the pool.



# Important Points

- Many hands make light work
- Always apply to a damp substrate
- Always maintain a wet edge
- Once you start you can't stop.



# Scratch Coat



- Usually walls first
- 'scratch' on thin layer of Quartzon (2mm thick)
- heavy pressure on trowel to ensure good key to substrate
- prevents air bubbles and voids.

# Top Coat

- Follows directly behind scratch coat
- Applied wet onto wet
- 5-6mm top coat to achieve total 6-10mm thickness
- remove large trowel marks
- allow to take up.



# Re-Trowel



- Begin to close over and finish
- Remove air bubbles by cutting and re-trowelling
- Remove trowel marks
- Close up and remove imperfections
- Edging tools and flexible trowels.

# Final Trowel

- Close the surface up
- Ensure no air bubbles or delaminations
- Remove all trowel marks and imperfections
- Remember the detail.  
Steps, ledges, swim outs, corners
- Leave a smooth, consistent finish.



# Future Maintenance Issues

- Air bubbles/voids
- May crack and pop off over time
- Calcium Nodules will form
- Weak point in render.

# Trowel Marks

- Collect dirt and grime
- Catch on clothing
- Unsightly.



# Not 'Closing Up'

- Exposes more aggregate
- Results in a rougher, uneven surface
- Can catch on clothes and skin.

# Summary

- Prevent drummy spots and delaminations
- Prevent future maintenance issues
- Achieve a smooth, durable, attractive finish.



QUARTZON



BRILLIANT POOL COLOURS