



ACID WASHING

The Importance of Acid Washing

- Makes or break a Quartzon finish
- Provides even exposure
- Exposes the sparkle of 'Star Fleck'
- Repairs any minor imperfections
- Needs to be done within 24 hours of application.

Set Up



- Create puddle of clean water 2 metres in diameter at main drain
- Install slurpie pump
- Put on PPE - glasses, boots, breathing apparatus.



Prepare Acid

- Prepare four to five 10 litre watering cans with diffuser nozzles
- Mix HCL acid and water, 1:1 ratio in all watering cans
- Always add acid to water. Never water to acid.



Process



- Acid wash floor first
- Acid wash walls and steps second
- Acid wash around main drain last.

Floor Area

- Starting from puddle, pour acid mixture onto floor area
- Start from lowest point and work upwards
- Begin at main drain, work towards the cove
- Ensure even and liberal coverage
- Continually move and work the acid with a broom
- Do not allow the acid to sit still in a concentrated area
- Do not allow the acid to form 'runs' over untreated Quartzon
- Re-apply over areas that are not reacting.

Dilute with Water Immediately

- Apply clean water over the floor area immediately
- Hose all acid to the puddle at the main drain
- Use broom to move the solid residue to the main drain
- Inspect the floor to ensure even exposure
- Retreat, then re-wash any unexposed areas
- Drain puddle, including all residue from main drain area.

Wall Area

- Continue wetting the floor
- ensure acid from walls does not over expose the floor
- Allow excess water to re-fill puddle at the main drain.



Apply the Acid Mix to the Walls

- Work upwards from the cove to the water line tile
- Always work in a side to side motion
- Ensure acid does not touch the tiles as the grout may run and stain the Quartzon
- Use the hose to dilute any acid that touches then floor
- Re-apply over areas that are not reacting.

Dilute With Clean Water Immediately

- Hose all acid to the puddle at the main drain
- Use broom to move the solid residue to the main drain
- Inspect the walls to ensure even exposure
- Retreat, then re-wash any unexposed areas
- Drain puddle, including all residue from main drain area.

Wash the Main Drain Area

- Do not re-fill puddle area
- Apply acid mix to main drain area
- Move acid around with broom until reaction stops
- Dilute with clean water
- Remove acid and debris using broom and slurpie pump.



Water Blast



- Use a high pressure water cleaner to remove thin film of residue
- Pressure clean walls first, ensuring even exposure
- Pressure clean floor, working towards the main drain
- Vacuum all water and residue from floor and main drain.

Fill Pool

- Begin filling pool immediately
- Add half a bottle of Cal-Stop immediately, the remainder once pool is half full.




Tips

- Acid is extremely toxic and very reactive. Always wear approved PPE to protect eyes, skin and lungs from exposure
- Always apply acid mix from the bottom up. Work away from the main drain at all times.
- Keep acid moving with a broom.
- Watch out for grooves in the floor. Acid may run in these areas and over expose the groove.

Tips (Continued)

- Check for free operation of hydrostatic valve before final fill of pool
- Fill the pool as soon as the acid wash process is complete (within 36 hours of application)
- Add Cal-Stop as soon as the pool begins to fill
- Start up pool ASAP on filling.



QUARTZON



BRILLIANT POOL COLOURS