

## POND WATERPROOFING 11-STEP GUIDE

**01 INSPECT FOR CRACKS**

Thoroughly inspect the concrete pond for any cracks, whether hairline or larger. Notify the builder if any issues are found, and consider repairing the cracks with a repair mortar or fine construction grout.

**02 CHECK DRAINAGE POINTS & LIGHT FITTINGS**

Inspect all drainage points and light fittings for potential weak points in the membrane. Ensure a perfect seal around these areas and notify the builder of any concerns.

**03 CLEAN THE POND**

Use a high-pressure hose to wash the walls and base of the pond, ensuring that any contaminants are fully cleared before proceeding with preparation and priming.

**04 REMOVE WATER**

Use a submersible pump or a bucket and sponge to remove any water from the pond, ensuring that it is completely dry.

**05 FILL HOLES**

Fill any holes (not pinholes) in the pond using mortar or construction grout, creating a seamless surface that allows the **ATECHPROOF® POND** to perform effectively. Follow the recommended dry times based on weather conditions.

**06 PRIME THE POND**

Apply **MIGHTYPRIME™** using a roller and paintbrush to prime the pond, ensuring a sound adhesion of the **ATECHPROOF® POND** to the substrate. Follow the recommended dry times.

**07 CAULK PENETRATIONS**

Use a submersible caulking material to caulk any penetrations, such as lights or drainage points. Consult with an **ATECH®** representative for compatible products.

**08 APPLY WATERPROOFING MEMBRANE**

Apply 2 or possibly 3 thick coats of **ATECHPROOF® POND** to the substrate using a roller and paintbrush. Achieve the recommended thickness (refer to data sheet) and allow a minimum of 24 hours to dry. Install the membrane thickly for longevity. Refer to the technical data sheet for thickness requirements.

**09 OVERLAP THE TOP EDGE**

Ensure that the **ATECHPROOF® POND** is installed over the top edge of the concrete (horizontal surface) to prevent water from penetrating behind the waterproofing membrane (vertical surfaces) inside the pond. The waterproofing should extend underneath the coping tile.

**10 INSPECT & TOUCH UP**

After the **ATECHPROOF® POND** has fully cured, visually inspect all internal corners and penetrations for any pinholes or areas that require touching up before filling with water. Repair any visible defects promptly.

**11 PERFORM FLOOD TEST**

Follow Atech's flood test procedure, available on the **ATECH®** website, to perform a waterproofing flood test.

**ADDITIONAL STEP: TILING CONSIDERATIONS**

If tiling will be installed over the **ATECHPROOF® POND**, consult with the builder or tiling contractor to ensure the appropriate tile adhesive is used. Install expansion joints in accordance with the relevant ASNZ Standard.