

01 SCREW CHECK

Inspect the cement sheet flooring and ensure that all screws are flush with the top surface of the sheet. Follow the manufacturer's guidelines for proper spacing. If your balcony is made of concrete, proceed to step 2.

02 SECURE DRAINAGE

Confirm that your balcony has adequate slope away from the building and proper drainage. If you're unsure about this, it's important to consult a professional builder or supervisor for guidance before proceeding.

03 DUST OFF

Give the area a thorough cleaning using a brush and a vacuum to remove any dust or debris. Once the dust is gone, use a damp cloth with **GT-ULTRA®** to wipe away any oily substances or grime from the surface.

04 DOORWAY PROTECTION

If there is a glass sliding door or a doorway leading to the balcony, make sure a "Z" flashing accompanied by a water stop is installed behind the door sill. You can find more details about this in **ATECH®'s** architectural hub or seek advice from a building professional or supervisor. Check the Architectural hub for "External door membrane termination".

05 CONDENSATION CONTROL

It's important to securely fix **PROTECTO DECK™** or a solid 100mm*100mm angle to the house frame "BEHIND" the cladding or lining board, along with any sisalation paper. This ensures that the balcony collects any condensation or water penetration around doors or windows. If you're unsure about this, seek advice from a professional builder or supervisor.

06 MEASURE & CUT THE PROTECTODECK

Use a tape measure and a Stanley knife to measure and cut the **PROTECTO DECK™** to the required length. Dry fit the sheet membrane to the floor and shower base area, ensuring you account for sheet overlaps and junctions.

07 MARKING FOR ALIGNMENT

Use a pen or pencil and a measuring tape to mark the floor as a guide for laying the sheets square and parallel to the walls. This ensures consistency for each side of the balcony.

08 PRIME TIME

Once the surface is thoroughly cleaned, apply **PROTECTOPRIME™** to the areas where **PROTECTO DECK™** sheet membrane will be installed. Apply the primer to manageable sections based on your experience using **PROTECTO WRAP™** products. Allow the **PROTECTOPRIME™** to flash off and become tacky before installing the sheet membrane.

09 MEMBRANE INSTALLATION

Roll out the **PROTECTO DECK™** sheet membrane either lengthwise or across the balcony where the **PROTECTOPRIME™** has been applied. Each sheet has a built-in lap on one edge. Ensure that the "TOP LAP" of the first sheet is positioned to allow water to flow over the top rather than into the joint. For more details, refer to **ATECH®'s** architectural hub "Balcony edging detail".

10 SEAL THE DRAINAGE OUTLET

Thoroughly seal the puddle flange (drainage outlet) using **ATECHFLEX® FILLET**. Be careful not to exceed the height of the surrounding area, as excessive product buildup may cause water ponding and potential damage to the waterproofing membrane over time. The responsibility of securely embedding the puddle flange into the substrate lies with the plumbing contractor.

11 JOINT PREPARATION

Joint Preparation: Prior to installing **ATECHPROOF® BALCONY**, apply **ELITEPRIME™** to all the sheet membrane joints. Use a soft-bristled paint brush for smooth application.

12 WATERPROOFING BOOST

Apply **ATECHPROOF® BALCONY** to all the sheet joints to provide additional protection and prevent potential delamination in the future due to human error.

13 SEAL THE VULNERABLE POINTS

Use **ATECHFLEX® FILLET** to caulk any vertical junctions or penetrations that could potentially cause leaks or be susceptible to excess movement in the future.

14 THROUGH INSPECTION

Once the waterproofing (**ATECHPROOF® BALCONY**) has fully cured, perform a detailed visual inspection of all internal corners and penetrations to ensure that the installation has been done to the highest standards.

15 WATERPROOFING TEST

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

16 KEEP IT PROTECTED

Ensure that the installed waterproofing remains protected using a suitable protection board, plastic sheet, or plywood to prevent damage during subsequent construction activities.

**ADDITIONAL STEP:
TILING OR PAVING CONSIDERATIONS**

PROTECTO WRAP™ products are compatible with **FUTUREBOND™** tile adhesives or pedestals. It is advisable to discuss the balcony design with a building professional before proceeding with tiling or paving.