EDISON STONE®

Water Jet Fabrication Guide – Sintered Stone

1. Purpose

To maximise the use of Edison Stone slabs (3200×1600×20mm and 3200×1600×12mm) and meet a wide range of design needs, proper cutting methods are essential. These guidelines help ensure product quality, reduce risk of slab failure, and support safe, accurate fabrication.

2. Pre-Fabrication Checks

- Ensure the work table is level and free from irregularities.
- Clear the work area of dust and debris.
- Secure the slab firmly to the work table to prevent movement.

3. Slab Preparation

- Machine off approximately 20mm from each slab edge to de-stress the slab.
- This can be done using a bridge saw or water jet cutter.

4. Cut-Out Procedure

- Maintain a minimum of 50mm between the edge of the slab and any cut-out location.
- Begin cutting from the side furthest from the slab edge to reduce risk of cracking.
- Complete each cut-out in one continuous motion.
- Chamfer the top and bottom edges of all cut-outs to minimise stress points.
- Rinse the slab with clean water after each cut-out to prevent build-up of particulates.

- Always follow the water jet manufacturer's guidelines for pressure and abrasive levels.

5. Notes & Warnings

- Do not make sharp internal corners — always use a minimum 10mm radius.
- Never attempt to cut unsupported slabs.
- Ensure operators are trained and wearing full and fitted PPE, including safety goggles, gloves, appropriate respirator and hearing protection