

QUANTUMSIX+

PORCELAIN SHEETS

12mm Slabs

Supplementary Manual

To be read in conjunction with QuantumSix+ Installation Manual



160x320



120x240



QUANTUMSIX+
PORCELAIN SHEETS

QuantumSix+ is made in Italy by

FLOORIM

12mm Slabs Supplementary Manual

Handling	2
Slab Inspection	2
Tooling	2
Adhesives	3
General Fabrication Guidelines	3-4

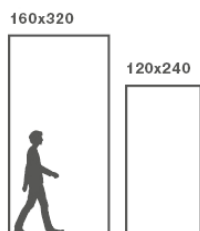
Sydney
129 Fairford Road
Padstow NSW 2211
T 02 9772 9888
E marketing@wk.com.au

Melbourne
90 Talinga Road
Cheltenham VIC 3192
T 03 9585 4706
E wkvictoria@wk.com.au

Gold Coast
97 Spencer Road
Nerang QLD 4211
T 07 5596 7989
E wkgoldcoast@wk.com.au

quantumsix.com.au

NOTE: *The QuantumSix+ 12mm Slabs Supplementary Manual to be read in conjunction with QuantumSix+ Installation Manual.*



Recommendations:

Handling

Q6+ 12mm slabs must be handled which includes loading, unloading & transporting by using a forklift, gantry crane or industrial lifting device with suitable jib & clamp. Slabs must be balanced during lifting & must be carried considering its centre of gravity.

Q6+ slabs must be handled & carried on edge, & never carried in a flat-bed position. All care must be taken when leaning to place the slab on a bench for working. Slabs must be leant onto the bench edge & lifted using the bench edge as support & leverage.

12mm Q6+ (3200x1600x12mm) slabs weigh approximately 161kg.

Slab Inspection

Slab inspection prior to fabrication

Q6+ recommend cleaning the surface of the slabs thoroughly & inspect the slab for any of the following:

- Foreign contaminations
- Cracks, fissures, blisters or stress marks
- Colour tonality or print fault including infiltrations

This should be carried out each & every time prior to commencement of fabrication.

Continued inspection of the slabs should be carried out to ensure foreign contaminates are not lodged underneath the slab.

Tooling

Blades

Q6+ CX350 continuous rim or Q6+ SCX350 segmented blades are recommended for cutting Q6+ 12mm slabs.

These blades were designed to cut Q6+ slabs but are equally at home cutting QQ & natural stone. Blades are available for purchase through your local WK-QQ warehouse.

Core Bits, polishing pads wet & dry

Q6+ recommends the use of high quality products including:

- Diamond polishing disks (Wet & Dry),
- Silicon Carbide disks (Dry)
- Core bits-electroplated, sintered &/or continuous rim

Adhesives (for bonding mitres/& benchtop installation)

Tenax Powerbond or Topfill is recommended for all applications - interior & exterior.

Follow the instructions of the manufacturer.

Tenax Powerbond is available in 31 colours no yellowing; Available in Cartridge format, with quick gel time. (3-5')

Topfill 50 is a 2 part (1:1) "transparent ice" epoxy glue with approx. 45' gel time & very low yellowing.

An alternative is Integra Xi bonder suitable for interior applications only. Please consult with local suppliers for recommendations.

For vertical kitchen splash back installation, natural silicon is recommended. Please ensure silicon is compatible with the substrate. Remove 50mm strips of mesh from reverse of Q6+ at 450mm centres & apply thick bead of silicon leaving the perimeters open to allow silicon to cure. Press the sheet gently into position to spread the silicon bead to position & create a bond with the substrate.

General Fabrication Guidelines

- Ensure all cabinets are true, straight & level & able to accept the weight of the counter top.
- Maximum unsupported overhang (eg breakfast bar overhang) 10cm (100mm).
- Q6+ benchtop to be supported with structural front & back cupboard rails & front to back structural supports at 600mm centres.
- Where carcass openings are larger than 600mm, front & rear rails must be structurally sound. All cut-outs for appliances must be fully supported around the perimeter of the cut-out & anchored to the carcass.
- Any accessory or appliance must be glued, sealed & installed as per the manufacturer's instructions. We suggest these appliances are installed last, after the benchtop is placed & glued to the carcass. Underslung sinks can be pre glued but must be supported as per previous note once top is installed.
- Seams & benchtop joins must be located above a structural rail or cupboard wall.
- Bridge saw travel cutting speeds are half of 6mm recommendations based on 350 dia blades. RPM blade revolutions is similar to 6mm but adjustments must be made to suit individual machines. Always remember to keep within the recommendations of the blade & machine manufacturers.

12mm we suggest 0.32-0.36m/min & 1800-2200rpm.

- All cut-out corners must be predrilled.
- L-shape panels are not recommended & must be avoided. Always fabricate L-shaped benchtops with a join on the inside corner. A join is also required at every change of direction. Ensure that all joins & seams are supported at all junctions.
- We recommend a minimum 7cm from the edge of slab to any cut-out. Minimum 5cm to tap hole & sink cutout.
- 2mm aris or radius to all edges is recommended to minimise chipping. This is the best compromise between chip resistance & looks.

NOTE: *The QuantumSix+ 12mm Slabs Supplementary Manual to be read in conjunction with QuantumSix+ Installation Manual.*

