

# STONE/TILE FACADES SUBSTRATE - PRODUCT SPECIFICATION

## BGC Stonesheet™

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### **BGC STONESHEET™**

BGC Stonesheet™ is a stone/tile façade substrate and background for true masonry on timber or steel-framed buildings. A flat, square-edged sheet, BGC Stonesheet™ comes as 9mm-thick panels.

Designed specially as a substrate for both interior and exterior applications, BGC Stonesheet™ is an excellent alternative where other non-specifically designed substrates have been used.

### **APPLICATION**

Exterior substrate for stone facades and exterior tiling

### **AUSTRALIAN STANDARDS**

Manufactured to conform to the requirements of AS2908.2 Cellulose-Cement Products and are classified as Type A Category 2 for external use.

Tested in accordance to AS1530.3

### **INSTALLATION**

The installation guidelines are detailed to a maximum stone tile weight of 40kg/m<sup>2</sup>. Any stone tile facades above this weight should be certified by a structural engineer or refer to the stone tile façade manufacturer for further details

Note: BGC recommend application of a waterproofing membrane to the entire surface of the BGC Stonesheet™ prior to tiling. Tiling adhesive to be compatible with the membrane.

Sheets are to be fixed along all sheet edges over studs on wall cladding applications. Fixing centres must not exceed 200mm for wall cladding.

BGC Stonesheet™ when used as an exterior tile substrate must be fixed to the frame with screws (adhesive or nail fixing of the sheeting is not acceptable for tiled applications).

All tiled areas are to be supported by an appropriate steel angle starting at the bottom. The angle is fixed to the bottom section of the wall with Class 3 10g x 50mm Button Head Screws. Max fixing centres 450mm. The bottom leg of the angle is to support at least one third of the tile thickness.

Support angles are to be installed at heights intervals of 600mm or less where wall heights exceed 3000mm and/or the tiled weight exceeds 32kg/m<sup>2</sup>. Support angles to be screw fixed through the BGC Stonesheet™ to stud.

Wall heights are to be a maximum of 6000mm.

Horizontal Relief Joints must be provided if the wall height exceeds 3000mm or wherever floor joists occur.

**Refer to the BGC Stonesheet™ brochure for complete installation instructions – [www.bgcinnovadesign.com.au](http://www.bgcinnovadesign.com.au)**