

## BGC DURAGRID™ LIGHT COMMERCIAL

BGC Duragrid™ façade system is ideal for cladding exteriors of low to medium-rise homes. Extremely robust and hardwearing, BGC Duragrid™ has a smooth, flat surface and a square-edge made for expressed jointing. BGC Duragrid™ won't rot, burn or corrode and enables easy decoration in a variety of design finishes.

## APPLICATION

Exterior cladding.

## AUSTRALIAN STANDARDS

Manufactured to conform to the requirements of AS2908.2 Cellulose-Cement Products and are classified as Type A Category 3 for external use.

Tested in accordance to AS1530.3.

## INSTALLATION

At the horizontal joints between the BGC Duragrid™ panels, the Horizontal Backing Strip should be bonded to the back of the BGC Duragrid™ panel to form a socket to which the BGC Duragrid™ panels above are fixed over.

Set the backing strip 2mm from the edge of the BGC Duragrid™ panel. Seal the cut edge with BGC Edge Sealer. Ensure the sealant fills the void in the back of the Horizontal Backing Strip to prevent moisture ingress.

**FIXING FIBRE CEMENT SHEET CLADDING TO STEEL BATTENS.** Fix cladding to steel batten via a continuous 6mm bead of SIKAFLEX 11FC polyurethane sealant/adhesive to all contact surfaces and N° 6 fibre zip screws (or equivalent, or better) along all support edges, refer to Duragrid™ design table for maximum fixing centres.

**FIXING STEEL BATTENS TO STEEL WALL FRAMES.** Steel battens to be 0.75mm BMT and grade 300 steel:  
BATTEN SIZE: N1-N3, C1: TH19x70x0.75 batten C2-C3: TH35 x70x0.75 batten. Steel battens can only be installed OFF stud (batten fixed to noggin) due to the profile of the steel batten. Maximum batten span, (i.e. noggin spacing), is to be as per BGC Duragrid™ design tables. Batten spans (i.e. noggin spacing) should be approximately equal (within 25%).

The steel Durabatten should be fixed off stud – Refer to Span Table in BGC Duragrid™ Light Commercial brochure. Off stud fixing is restricted to low wind areas and noggings are required at maximum 800mm centres – Refer to span tables in all instances.

The vertical expressed joints must coincide with the centre line of the Durabatten. Stud centres may have to be designed to coincide with express joints. It is recommended not to batten the whole job, but instead batten & install the BGC Duragrid™ panels as you go.

BGC Duragrid™ panels should be sealed and fixed one panel at a time. Only apply sealant to the contact surface of the next panel to be fixed.

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