

## BGC DURAGRID™ RESIDENTIAL

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 DURABATTEN TO TIMBER WALL FRAMES** Spans should be approximately equal (within 25%) Battens can be installed either ON stud (batten fixed directly to stud) or OFF stud (batten fixed to noggin). Where battens are fixed OFF stud, noggins are to be evenly spaced with maximum centres of 800mm.

**FIXING DURAGRID™ TO DURABATTEN** Fix cladding to batten via a continuous 6mm bead of SIKAFLEX 11FC polyurethane adhesive to all contact surfaces and Brad Nails at 200 centres.

Durabatten can be fixed on stud or off stud – Refer to Span Table in the Duragrid™ Residential brochure. Off stud fixing is restricted to low wind areas and noggings are required at maximum 800mm centres – Refer to Span Table 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 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™ Residential brochure for complete installation instructions – [www.bgcinnovadesign.com.au](http://www.bgcinnovadesign.com.au)**