OCTOBER 2010

RESIDENTIAL

innova™
INNOVATIVE FACADE SYSTEMS

DURAGRID™
FACADE SYSTEMS

BGC Fibre Cement

AUSTRALIAN OWNED & MANUFACTURED
WWW.BGC.COM.AU/FIBRECEMENT

OCTOBER 2010

INTRODUCING INNOVA™

INNOVA™ IS A BRAND NEW RANGE OF FACADE, LINING AND FLOORING PRODUCTS WHICH WILL GIVE A NEW DIMENSION TO THE BGC PRODUCT RANGE. THE PRODUCTS WITHIN THE INNOVA™ RANGE HAVE BEEN DESIGNED TO INSPIRE YOU TO CREATE A NEW INNOVATIVE AND DYNAMIC FACADE OR FLOORING SYSTEM.

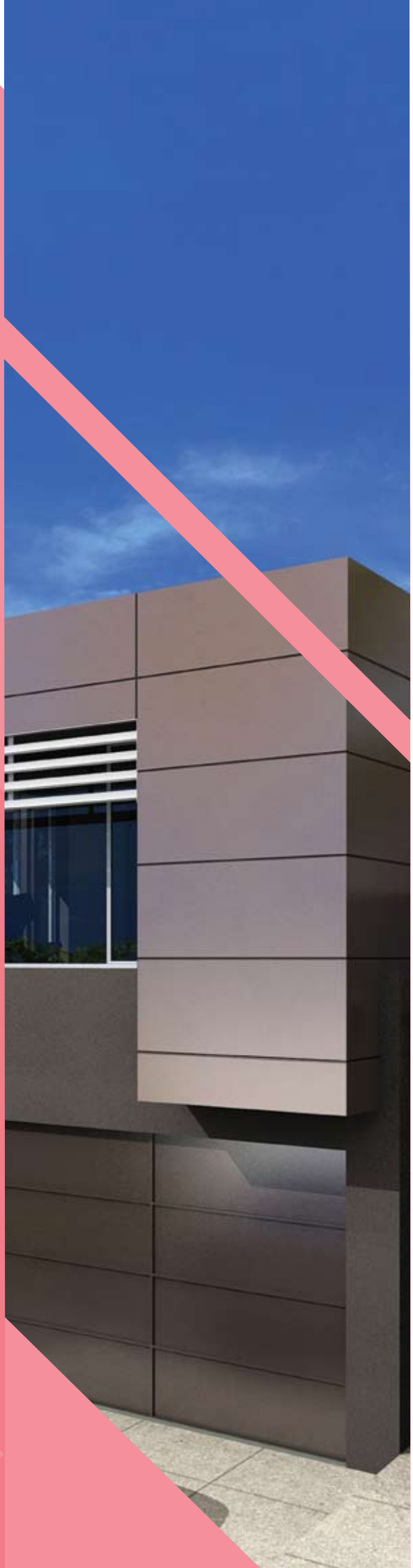
innova™
INNOVATIVE FACADE SYSTEMS

THE DURAGRID™ FACADE SYSTEM UTILISES BGC FIBRE CEMENT SHEETING, OFFERING THE IDEAL SOLUTION FOR CLADDING THE EXTERIOR OF LOW TO MEDIUM RISE HOMES. DURAGRID™ GIVES BUILDINGS A MODERN AND EXTREMELY DURABLE FINISH.

DURAGRID™ SHEETING HAS A SMOOTH, FLAT SURFACE AND SQUARE EDGE FINISH WHICH IS SUITABLE FOR EXPRESSED JOINTING AND PROVIDES A FACADE SUITABLE FOR A NUMBER OF FINISHES - FROM PAINTED TO TEXTURED COATINGS.

THE DURAGRID™ FACADE SYSTEM:

- / IS LIGHTWEIGHT
- / IS HIGHLY DURABLE
- / PANELS WILL NOT ROT, BURN OR CORRODE
- / PANELS ARE NOT AFFECTED BY TERMITES, AIR, STEAM, SALT OR SUNLIGHT
- / CAN BE EASILY DECORATED IN A NUMBER OF DESIGN FINISHES
- / QUICK AND SIMPLE TO INSTALL USING MANUAL NAILING, GUN NAILING OR SCREW FIXING



CONTENTS

APPLICATIONS

Duragrid™ Facade System utilises BGC Fibre Cement panels and graded, primed timber or steel battens to form a strong and durable facade cladding system.

BGC Duragrid™ is ideally suited for versatile architectural applications in domestic and multi storey residential buildings.

Duragrid™ panels are designed for installation in a variety of patterns, including vertical, horizontal or brick-bond.

BGC Duragrid™ panels are available in 9mm thickness and may be finished with site applied acrylic paint systems or a factory applied high quality polyurethane plain finish. These may need alternative fixing methods. Please contact your BGC office for advice.

NOTE: The fitting of the Duragrid™ Facade System should only be attempted by a professional contractor. Your local BGC Fibre Cement office can provide you with a list of recommended Duragrid™ installers.

ADVANTAGES

/ Lightweight cladding system
/ Readily accepts many forms of decorative finish
/ Highly durable
/ Dynamic architectural style
/ Face sealed panels

ENERGY EFFICIENCY CONSIDERATIONS

Energy efficiency requirements have been introduced into the Building Code of Australia (BCA) for both commercial and residential buildings. Thermal heat transfer into and out of the building envelope will effect the running cost of the building and careful consideration of thermal heat transfer needs to be addressed by the architects, engineers and building designers.

PRODUCT INFORMATION

BGC Duragrid™ panels are an autoclaved, cellulose fibre reinforced silica/cement panel, specially formulated and prepared to meet the requirements for use in exterior applications. Duragrid™ panels have a smooth flat surface and a neat square edged finish, for enhanced expressed joint facades.

BGC Fibre Cement products are manufactured to the Australian / New Zealand Standard AS/NZS 2908.2-2000 Cellulose-Cement Products, Part 2: Flat sheets and Duragrid™ is classified as Type A Category 3.

SHEET TOLERANCES

/ Width +0/-1mm
/ Length +0/-2mm
/ Thickness +10%/-0%
/ Diagonals difference (max) 2mm
/ Edge straightness deviation (max) 1mm

FIRE RESISTANCE

BGC Fibre Cement 9mm has been tested for and passed the Early Fire Hazard Property criteria in compliance with AS/NZS 1530.3 and AS/NZS 3837 and is deemed a Group 1 Material in accordance with the Building Code of Australia (BCA), Volume 1, Specification A2.4; Fire Hazard Properties. AS/NZS 1530.3; Early Fire Hazard Properties.

/ Ignition Index	0
/ Spread of Flame Index	0
/ Heat Evolved Index	0
/ Smoke Developed Index	0-1

DURABILITY

BGC Duragrid™ physical properties ensure it's durability in exposed applications.

/ Duragrid™ panels are immune to permanent water damage in both short and long-term exposure.
/ Duragrid™ panels will not rot or burn and are unaffected by termites, air, steam, salt and sunlight.
/ Duragrid™ panels are not adversely affected over a temperature range of 0°C to 95°C.

Vapour permeable sarking must be installed under the timber or steel batten in accordance with the AS/NZS 4200.2 – 'Pliable building membranes and underlays – Installation' and the sarking manufacturer's guidelines. The sarking should have the following properties:

/ Vapour barrier – low or medium
/ Water barrier – high

Vapour permeable sarking is used to prevent moisture ingress by acting as a drainage plane whilst enabling water vapour build up from inside the frame space.

To ensure the durability of the Durabatten apply a film of polyurethane over the exposed face at the expressed joint.

THERMAL CONDUCTIVITY

Duragrid™ panels have relatively low thermal conductivity: R-value. At Equilibrium Moisture content the approximate R-Value of Duragrid™ is;- 0.55 W/m°C.

WEATHER RESISTANCE / FREEZE THAW

The Duragrid™ Facade System conforms to the Building Code of Australia (BCA) requirements for external wall applications. Duragrid™ Facade System has been tested to AS/NZS 4284 Testing of Building Facades.

Duragrid™ subject to freeze/thaw conditions must be painted. Duragrid™ should not be used in situations where it will be in direct contact with snow or ice for prolonged periods.

PANEL SIZES AND MASS

Duragrid™ panels are available in the following sizes.

THICKNESS mm	MASS KG/M^2	WIDTH mm	LENGTH mm			
			1190	1790	2390	2990
9	11.7	590			x	
		890		x		
		1190	x			x

HANDLING AND STORAGE

BGC Duragrid™ must be stacked flat, up off the ground and supported on equally spaced (max 400mm) level gluts. Care should be taken to avoid damage to the ends, edges and surfaces.

Sheets must be kept dry. When stored outdoors it must be protected from the weather. Sheets must be dry prior to fixing, jointing or finishing.

COASTAL AREAS

The durability of galvanised nails and screws used for exterior cladding in coastal or similar corrosive environments, including very heavy industrial areas can be as low as 10 years.

For this reason BGC recommend the use of Stainless Steel fasteners within 1km of the coast or other large expanses of salt water.

ACCESSORIES AVAILABLE FROM BGC

DURABATTEN-PRIMED, GRADED TIMBER	19 x 70 x 3000mm 19 x 70 x 2700mm	
HORIZONTAL BACKING STRIP	1190mm 2390mm 2990mm	
CAVITY VENT STRIP	uPVC 19 x 2700mm	
SEALANT / ADHESIVE	Sika 11FC or similar	
COUNTERSINKER	Countersinking Tool Tungsten Carbide	

FASTENERS

DURABATTEN TO FRAME

DURABATTEN TIMBER TO TIMBER FRAME
Class 3 Corrosion resistant Ring Shank Nail – 2.8 x 75mm

Paslode ND 50mm 14 Gauge Stainless Steel
If using this option, 2 nails must be used at each fixing point.

DURABATTEN TIMBER TO STEEL FRAME
Builders Class 3, 8 x 35mm Wingtek Self Embedding Head Screw, 8 x 40mm Wingtek Self Embedding Head Screw

DURABATTEN STEEL TO STEEL FRAME
Class 3 Hex Head Screw, 12-14 x 20mm

DURAGRID™ TO DURABATTEN

DURAGRID™ DURABATTEN TIMBER
C25 304 Stainless Steel Brads

2.8 x 30mm Fibre Cement Nail

8 x 10 x 25mm Class 3 Countersunk Wood Screw

DURAGRID™ TO DURABATTEN STEEL
No.8 x 30mm Countersunk Self Drilling

FASTENERS

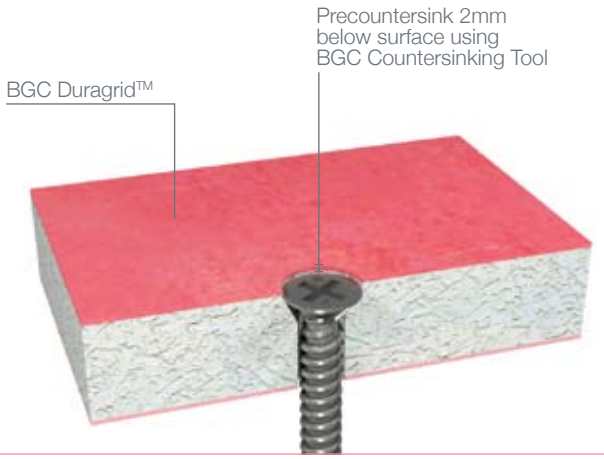
Select fasteners with suitable durability for the prevailing conditions. Please consult your supplier for:

/ Minimum requirements Class 3.
/ Stainless Steel may be required in some applications.

All screw holes must be filled with an epoxy filler such as Mega-poxy P1, Hilti CA125 or Hilti CA273 and sanded flush to provide a flat surface for finish coating. When sanding, only sand the screw holes, not the entire sheet surface.

PRE COUNTERSINK

When using screws to fasten Duragrid™, pre countersinking is required so that the fastener is 2mm under the sheet surface for filling with epoxy filler.



DESIGN CONSIDERATIONS

The designer should determine the wind pressure for the project and specify the layout, spacing and fixing of the Durabatten to the structure.

The deflection of the supporting structure should be limited to span/250 for Serviceability Wind Load, or as limited by AS/NZS1170.

In areas where there is a probability of wind loading, care should be taken in the design detailing, especially around all openings, corners and other junctions, to ensure the weather resistance of the total system.

Before the Duragrid™ panels and the supporting substructure are installed, particular care should be taken to ensure that all flashing and waterproofing work is complete, including all vapour permeable building wraps and damp proof coursing.

CONTROL JOINTS

In many cases, control joints will not be required as typical expressed joints permit some differential movement of the Duragrid™ panels and the sub-framing.

It is recommended that the designer consider the need for control joints in the following cases:

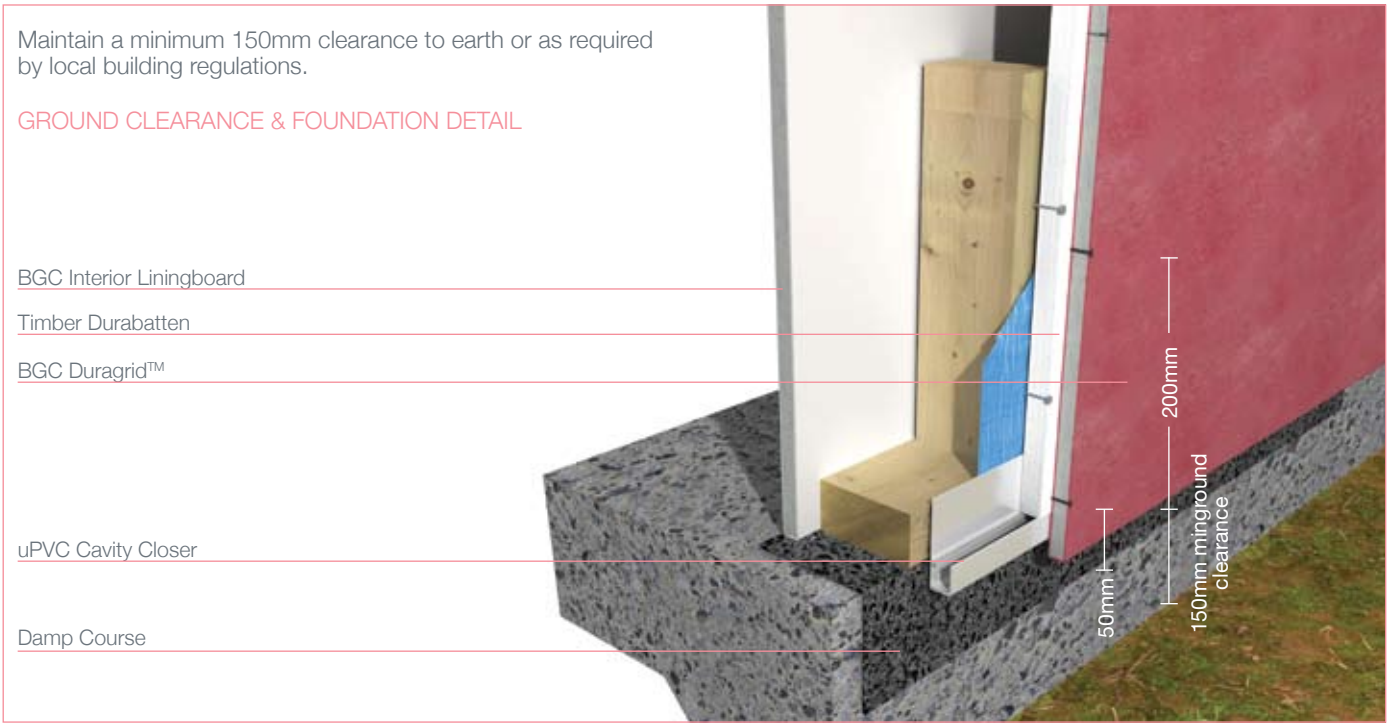
/ Where Duragrid™ crosses a building control joint.
/ Where there is likelihood of movement in the sub-framing.
/ Continuous lengths greater than 8 metres.
/ At a change in the structural substrate; eg masonry to steel framing.

Structural movement vertical and horizontal control joints are required to match existing structural control joints and should pass through the facade.

GROUND CLEARANCE

Maintain a minimum 150mm clearance to earth or as required by local building regulations.

GROUND CLEARANCE & FOUNDATION DETAIL



PANEL PREPARATION

For insitu paint finish applications, Duragrid™ panels are supplied sealed with a proprietary sealer applied during manufacture for durability.

Where it is necessary to cut sheets, cutting tools should have a dust extraction system.

Cut edges must be sealed with BGC Edge Sealer or an acrylic coating to eliminate moisture absorption.

A saw blade such as BGC Durablade with a poly crystalline diamond tip specifically designed to cut fibre cement sheets is recommended.

Ensure work area is well ventilated and wear an approved dust mask (AS/NZS1715 and AS/NZS1716) and safety glasses (AS/NZS1337).

BACKING STRIP INSTALLATION & SEALING

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

Set the backing strip 2mm from the edge of the Duragrid™ panel. Seal the cut edge with BGC Edge Sealer.

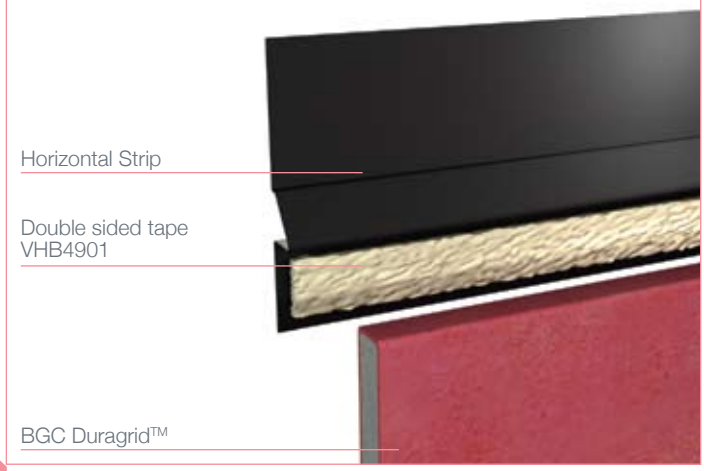
The backing strip can be fixed using:

/ SIKA 11FC. **Ensure that the sealant has cured fully before panel installation.**
/ 3M 12.7mm VHB4991 or 3M VHB4941 double sided tape. The contact surfaces to be cleaned with 3M HIPA 300 Adhesive cleaner.

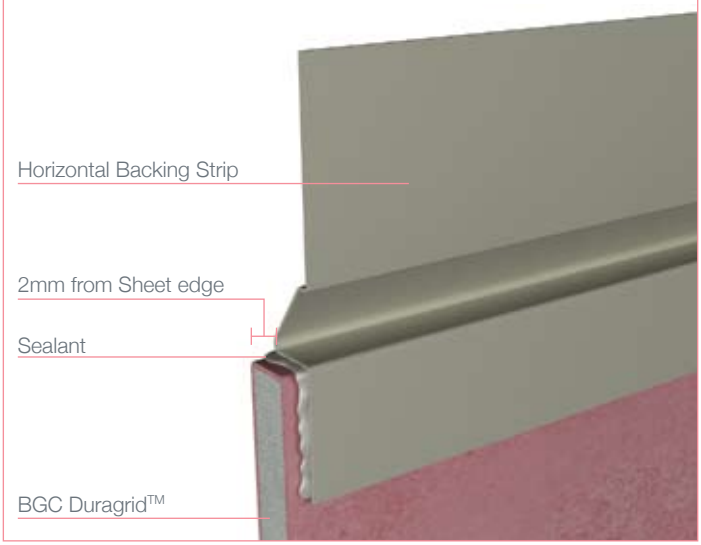
NOTE: SIKA 11FC is the preferred option for fixing the backing strip.

NOTE: Ensure the sealant fills the void in the back of the Horizontal Backing Strip to prevent moisture ingress.

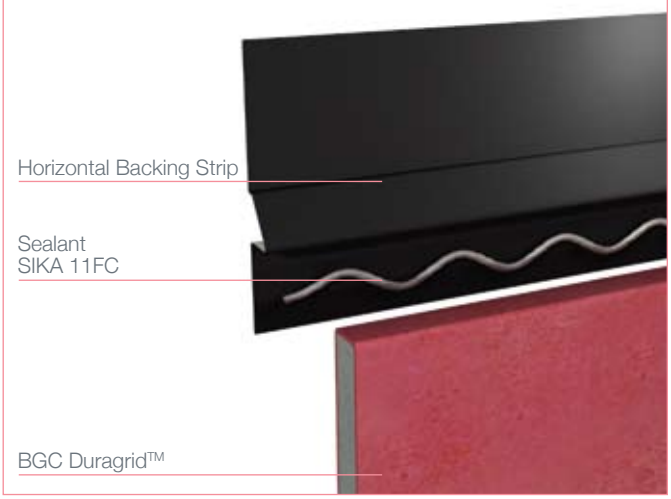
BACKING STRIP TAPE - FRONT VIEW



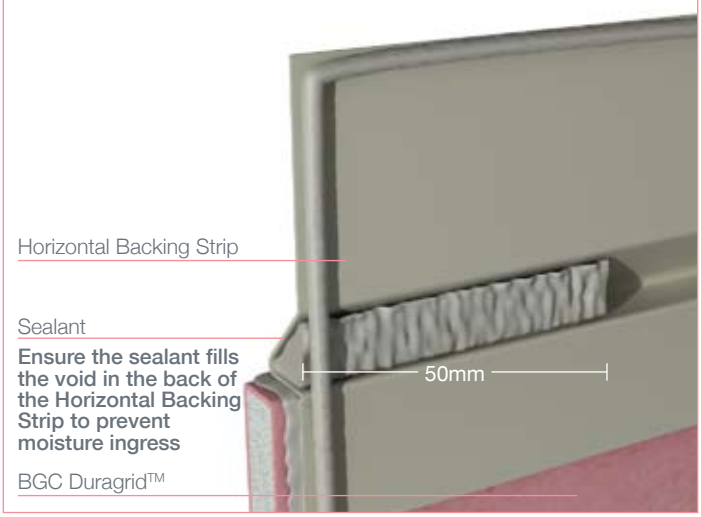
BACKING STRIP INSTALLATION - REAR VIEW



SEALANT (Preferred Option for Optimal Adhesion and Sealing) - FRONT VIEW



BACKING STRIP SEALANT - REAR VIEW



FASTENER SPACING - RESIDENTIAL

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.

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.
Fix timber batten to timber wall frame with:

ON-stud

1Nº 65 x 2.87 Ring Shank Nails @ 300 centres.

OFF-stud

Fix timber battens to noggins with:
1 x 65 x 2.87 Ring Shank Nails.
C1 (max 1.61kN pullout load).
Fix timber battens to noggins with:
1 x 65 x 2.87 Ring Shank Nails. Or: 8-15 x 40mm screws.

FIXING TIMBER NOGGINS TO TIMBER STUDS

Where noggins support battens, noggins must be securely fixed to studs.

Noggins should not be spaced more than 800mm.

N1-N3

Fix noggins to studs via minimum 2Nº ø3.75 nails at each end.

Table 1.

BATTEN SPAN/WIND PRESSURE LOAD

Wind Classification AS4005	Durabatten Off Stud Fix	Durabatten & Stud Spacing	Durabatten Fixing Centres	Durabatten Span	Duragrid Fixing Centres
N1, N2, N3	OK	600	300	850	200
N4, N5	No	450	200	n/a	200
N6	No	300	200	n/a	150
C1	OK	450	200	800	200
C2	No	450	200	n/a	200
C3	No	450	200	n/a	200
C4	No	300	200	n/a	150

NOTE: Durabatten can be fixed off stud in N1, N2, N3, C1 wind classification areas only.

Duragrid™ can be fixed with C25 304 Stainless Brads and SIKA 11FC as specified in N1, N2, N3, C1, C2 locations.

Duragrid™ should be screw fixed in other locations.

All calculations include full internal pressurisation as per AS4055.

Deflection of battens limited to a maximum of 200mm.

All framed walls should be constructed to the relevant standards.

Stackbond (no overlap).

FRAMING

Ensure that the frame is square and work from a central datum line. The frame must be straight and true to provide a flush face to receive the panels.

BGC recommend a maximum tolerance of 3mm-4mm in any 3000mm length of frame. Duragrid™ will not straighten excessively warped or distorted frames and any warping may still be visible after Duragrid™ is applied.

FRAME STRAIGHTNESS

Durabatten can be fixed on stud or off stud – Refer to Span Table. 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 joins must coincide with the centre line of the Durabatten. Stud centres may have to be designed to coincide with express joins.

It is recommended not to batten the whole job, but instead batten & install the Duragrid™ panels as you go.

TIMBER FRAME

Use of a timber frame must be in accordance with AS1684 – Residential timber-framed construction and the framing manufacturer's specifications.

Use only seasoned timber. Do not use unseasoned timber as it is prone to shrinkage and can cause sheets and frames to move up.

"Timber used for house construction must have the level of durability appropriate for the relevant climate and expected service life conditions including exposure to insect attacks or to moisture which could cause decay" – Reference AS 1684.2

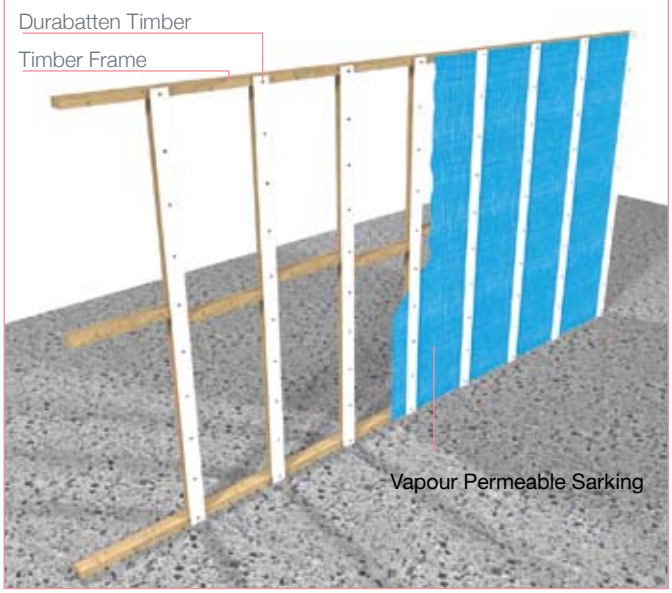
Stud framing members must be a minimum of 70x35mm.

DURABATTEN INSTALLATION TO TIMBER

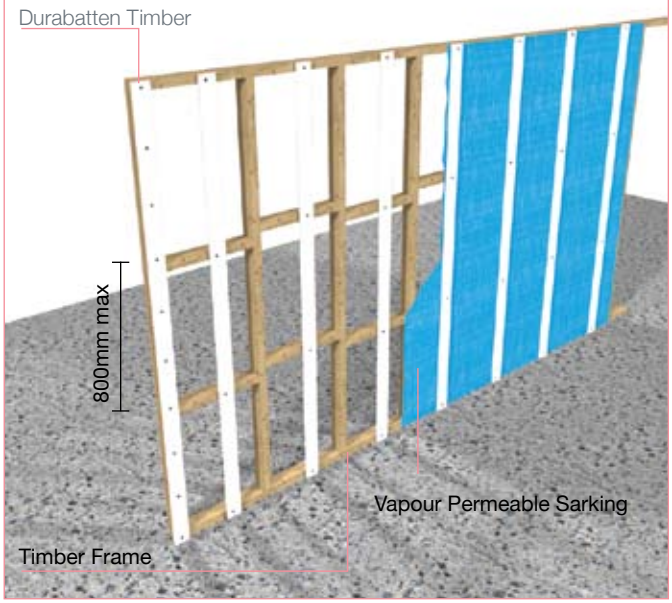
TIMBER DURABATTEN

Install Timber Durabatten either off stud or on stud.

ON STUD

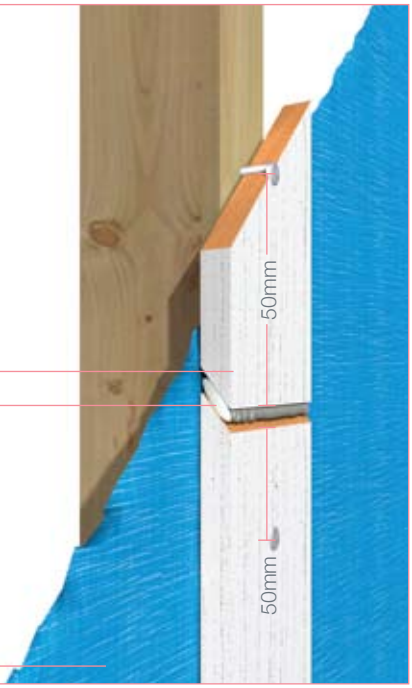


OFF STUD



BATTEN JOINING

BATTEN JOINING



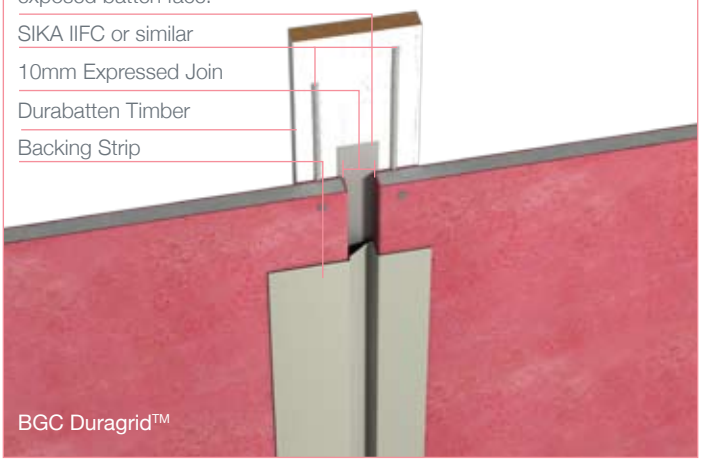
INSTALLATION DETAILS

The architectural intent and details of buildings vary from one designer to the next, and the variety of details would be impossible to catalogue.

The detail diagrams following are intended to assist the designer in achieving a high quality weather resistant facade.

The designer should not digress from the specification set out in this manual.

PANEL POSITION - FRONT VIEW



Use the backing strip as a temporary gauge to space the vertical joint of successive boards ensuring a uniform 10mm space between successive panels.

INSTALLATION DETAILS

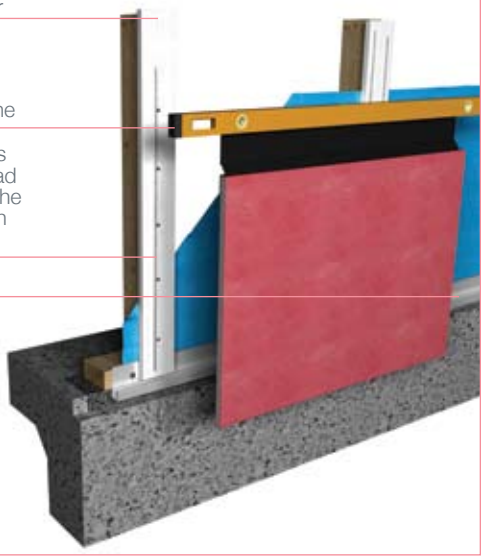
PANEL INSTALLATION

Durabatten Timber

Using a spirit level ensure panels are plumb and aligned with your datum line

Apply a continuous 6mm diameter bead of joint sealant to the Durabatten at each panel edge

Datum line



TYPICAL SEALANT APPLICATION

SIKA IIFC or similar

Polyurethane film 0.8mm - 1.00mm thickness over exposed batten face.

Durabatten Timber

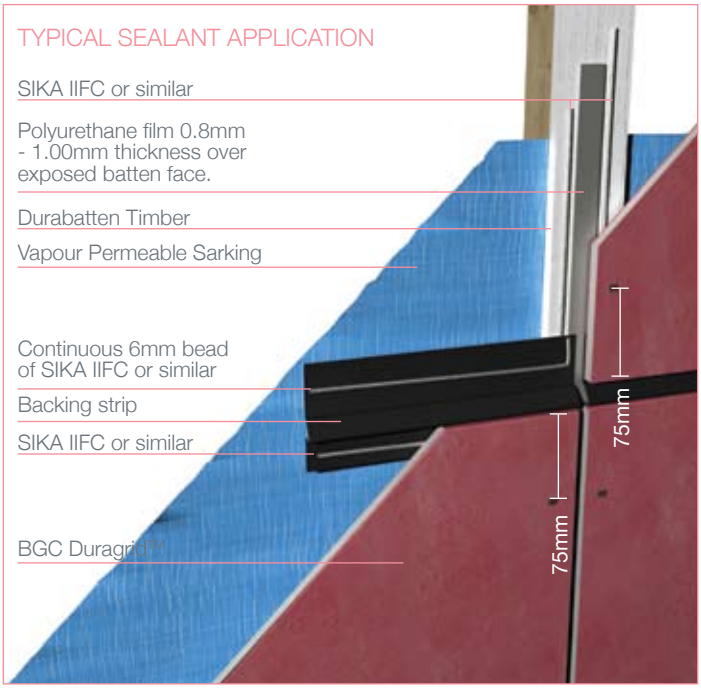
Vapour Permeable Sarking

Continuous 6mm bead of SIKA IIFC or similar

Backing strip

SIKA IIFC or similar

BGC Duragrid™



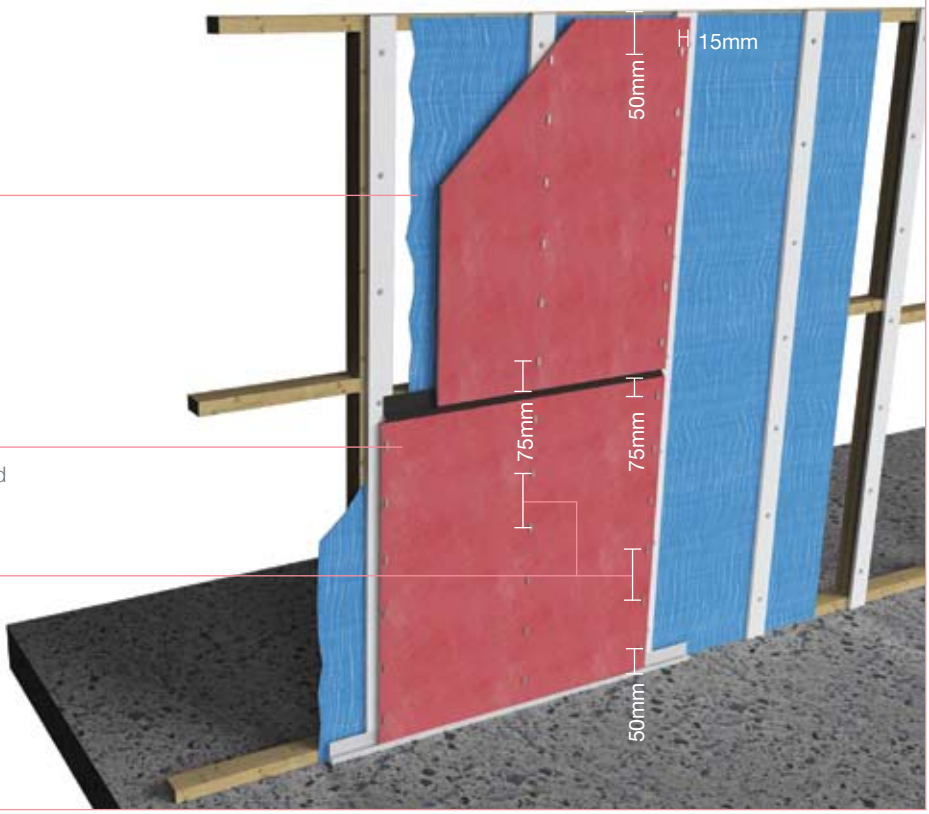
FASTENER SPACING

Vapour Permeable Sarking

BGC Duragrid™

Horizontal express joint with backing strip behind

Fastener spacing 200mm centres

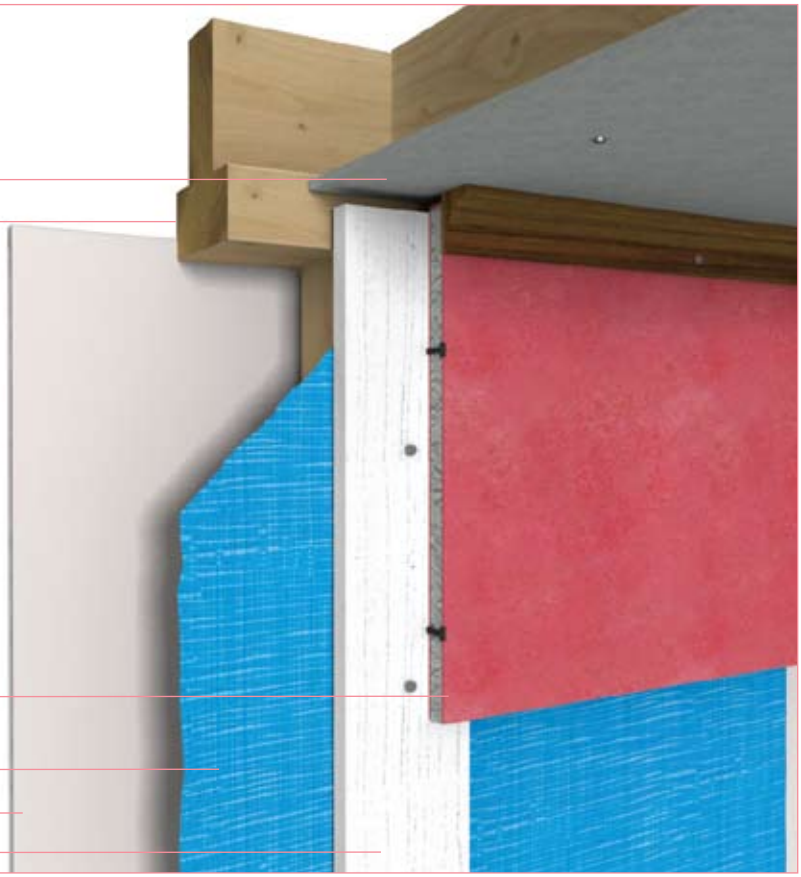


Duragrid™ panels are to be fixed with a continuous 6mm bead of SIKA 11FC or similar polyurethane sealant/adhesive to all contact surfaces with required fasteners at specific centres. Cover the exposed face of battens with a layer of polyurethane sealant to ensure durability of the Durabatten.

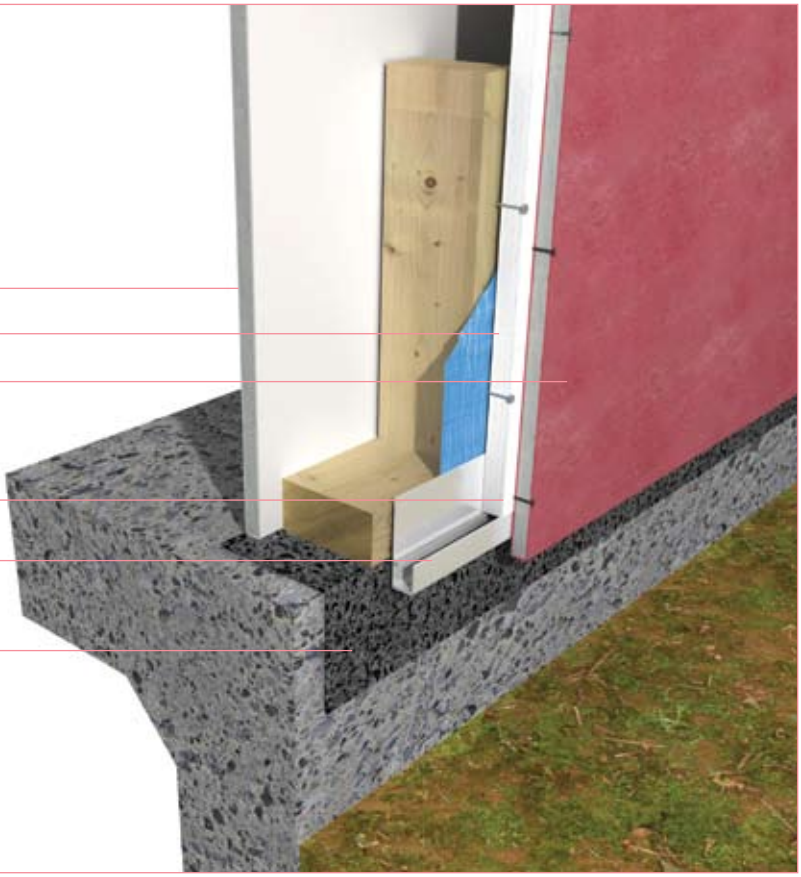
Duragrid™ panels should be sealed and fixed one panel at a time. Only apply sealant to the contact surface of the next panel to be fixed.

INSTALLATION DETAILS

SOFFIT DETAIL

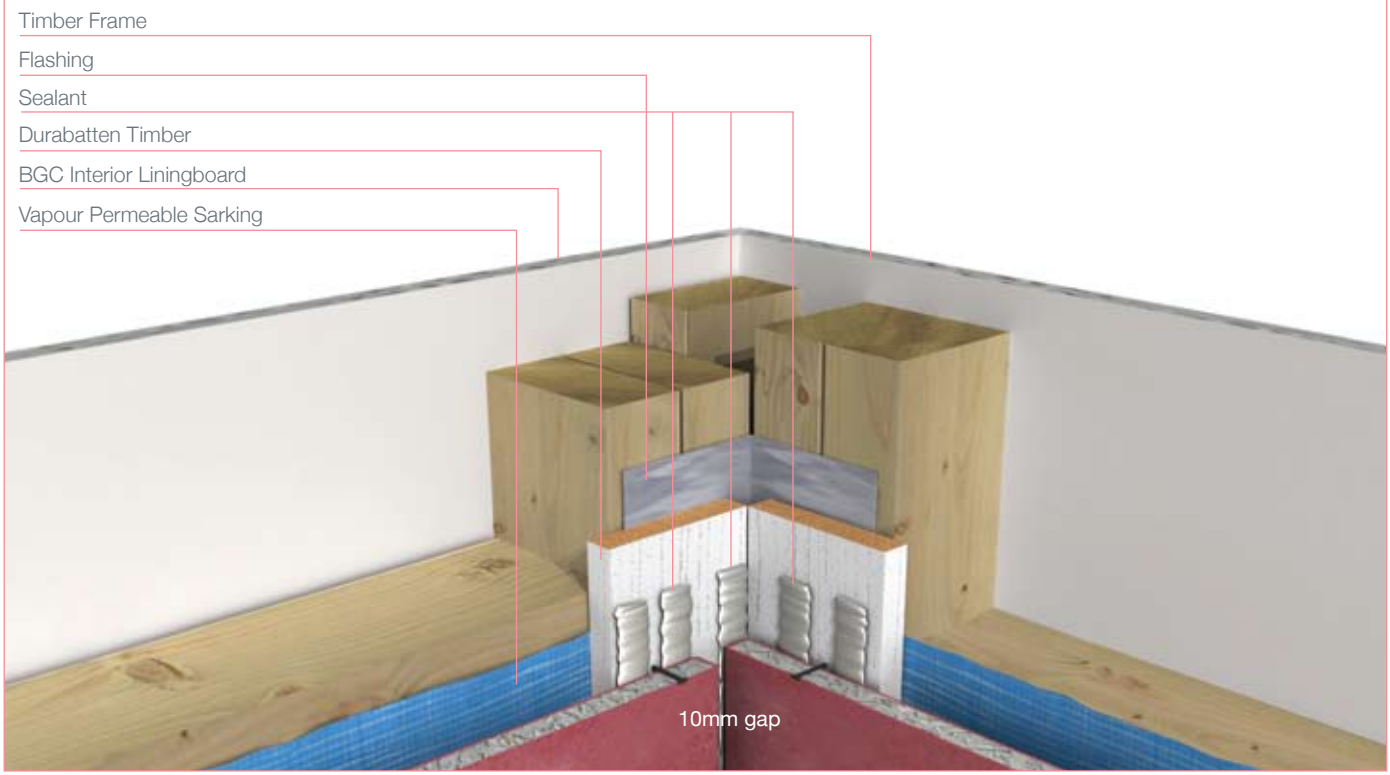


FOUNDATION DETAIL

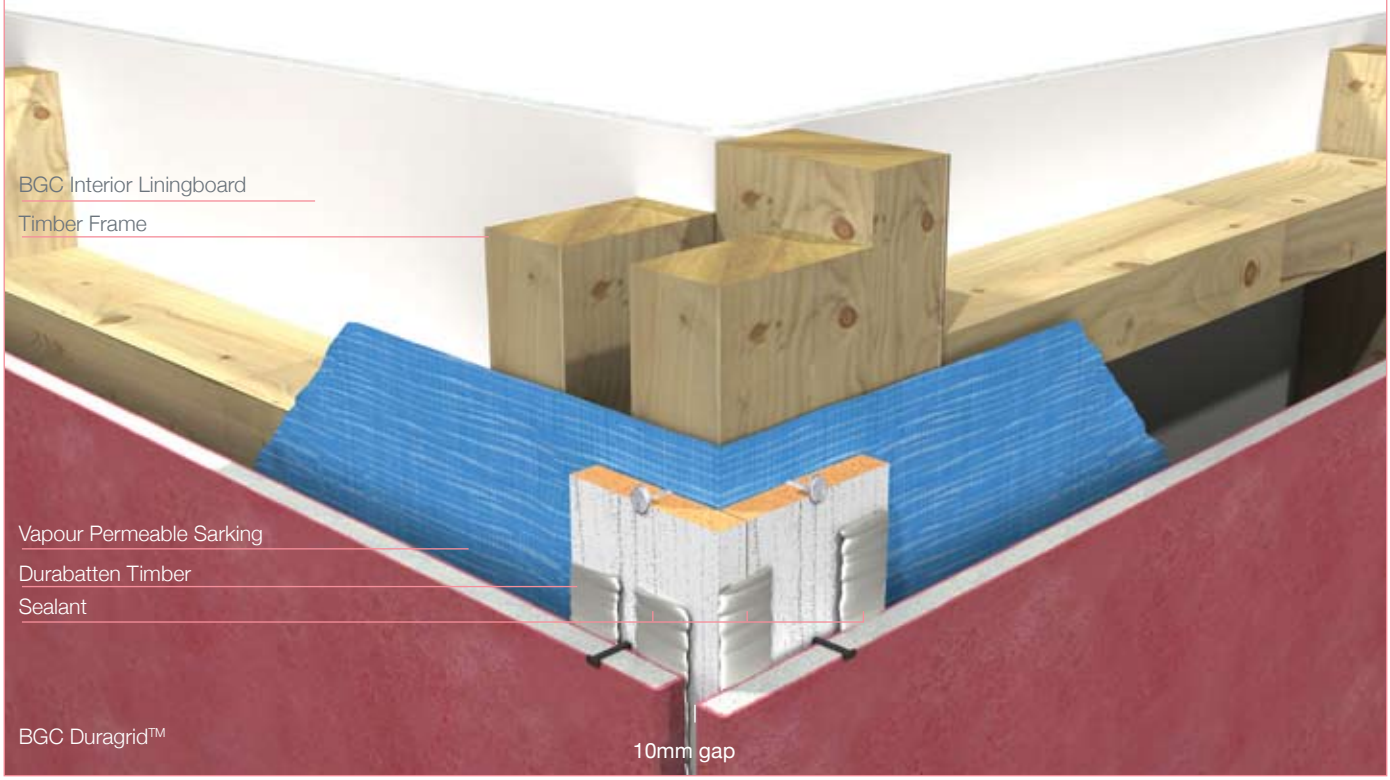


INSTALLATION DETAILS

INTERNAL CORNER DETAIL

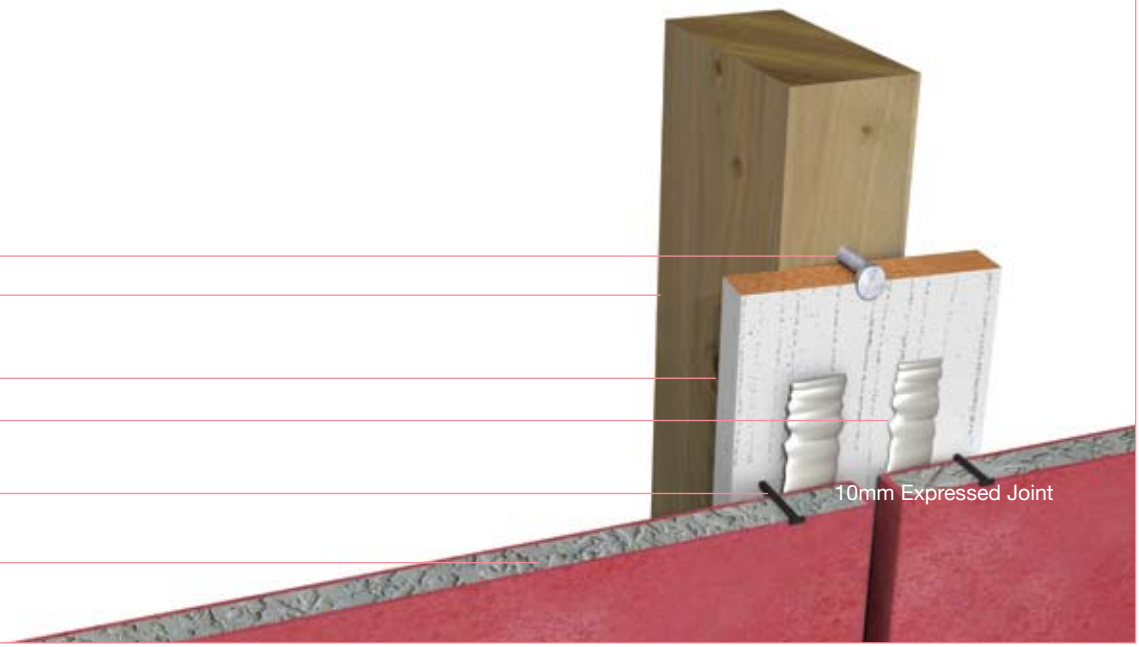


EXTERNAL CORNER DETAIL



INSTALLATION DETAILS

FASTENER POSITION



ENCLOSED BALUSTRADE/PARAPET WALL

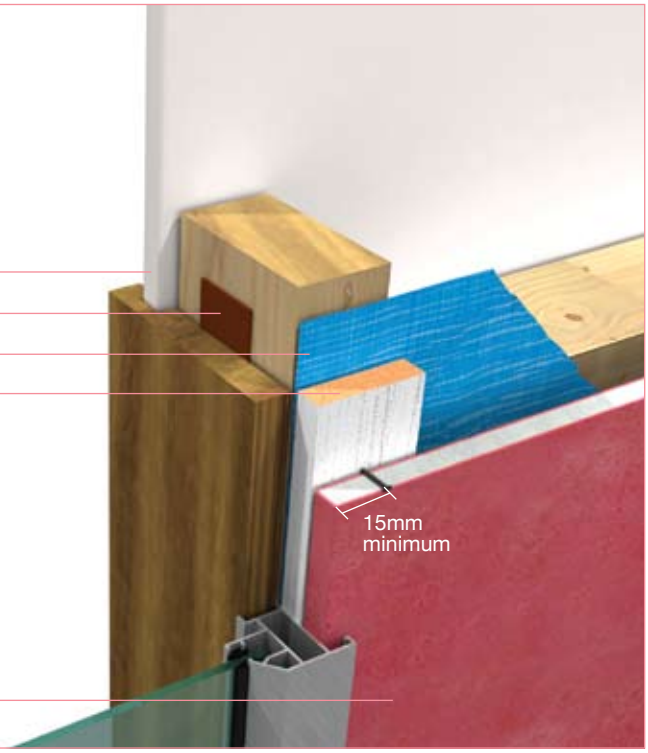
PENETRATIONS, WINDOW & DOOR OPENINGS

There are numerous varieties of penetrations, openings, and windows and door treatments available, and each weather proofing detail will be dependent on the material, style and manufacturer's specifications.

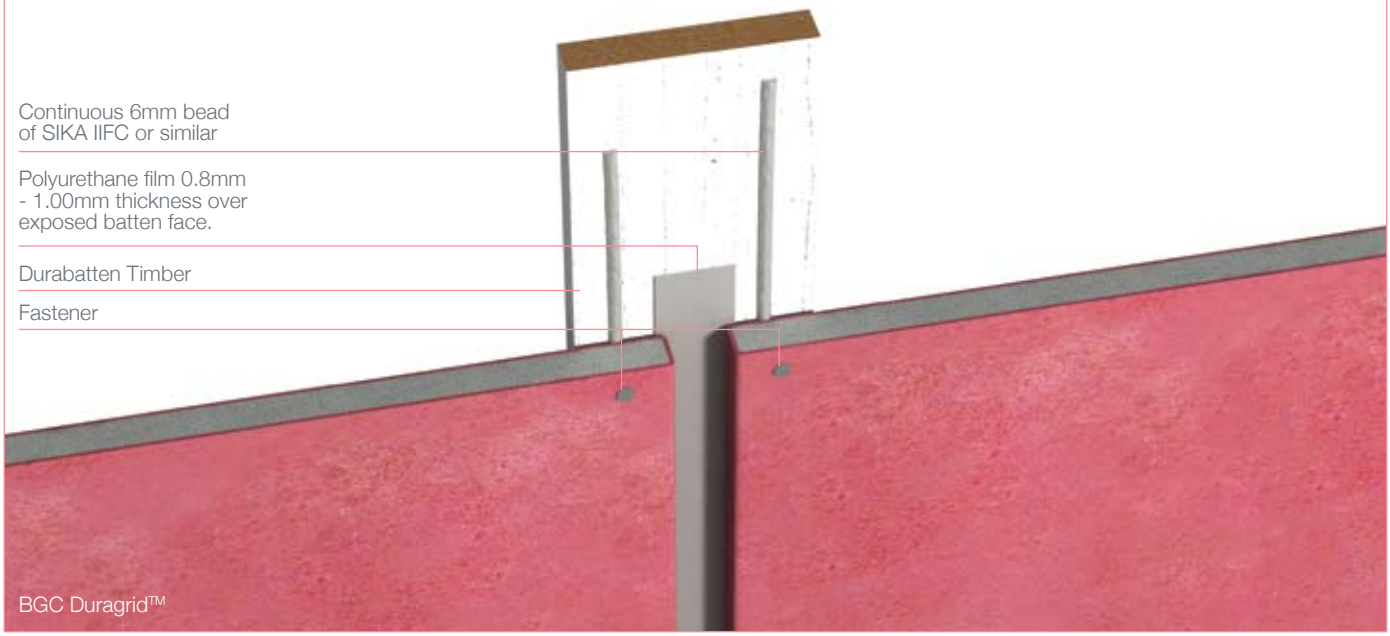
Adequate weather proofing of the opening application must be considered by the building designer, in conjunction with the penetration, window and door manufacturer.

The following diagrams are a guide only and the designer should consult with the appropriate manufacturers for the detail design to ensure adequate weather proofing.

WINDOW JAMB

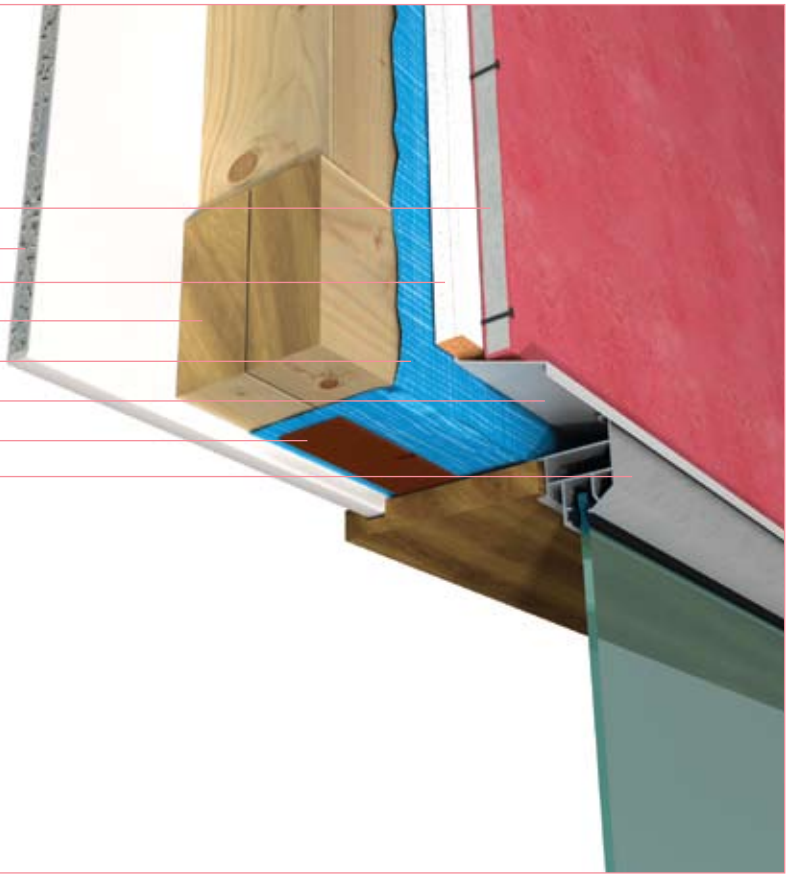


EXPRESS JOINT DETAIL



PENETRATIONS, WINDOW & DOOR OPENINGS

WINDOW HEAD



BGC Duragrid™

BGC Interior Liningboard

Durabatten Timber

Timber Frame

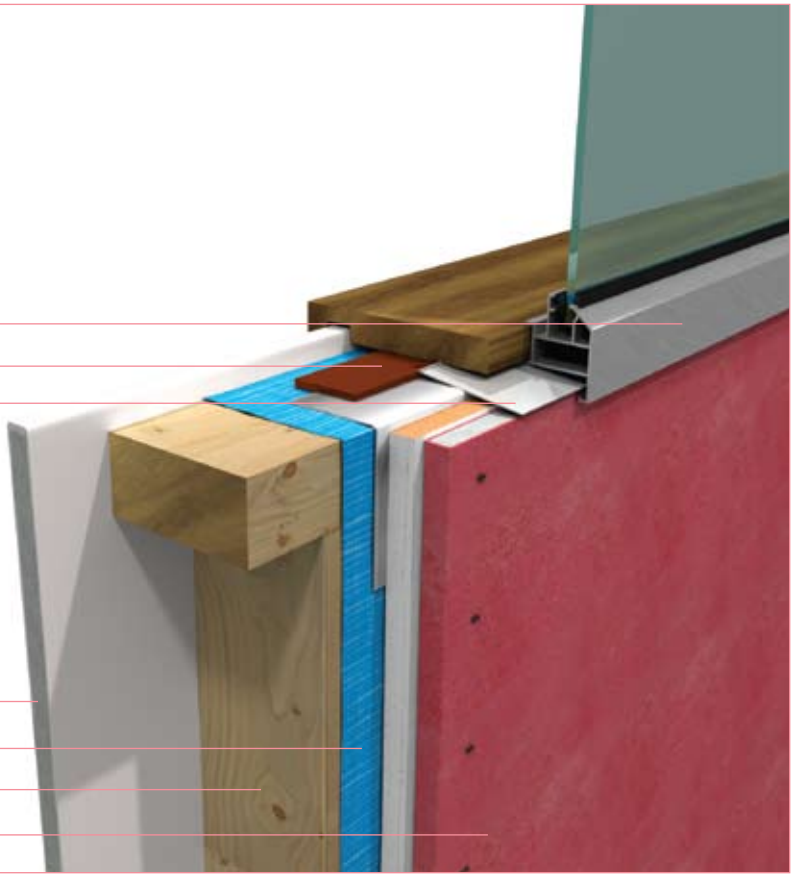
Vapour Permeable Sarking

Flashing

Packer (as required)

Aluminium window joinery

WINDOW SILL



Aluminium window joinery

Packer (as required)

Sill tray 5^0 min slope

BGC Interior Liningboard

Vapour Permeable Sarking

Timber Frame

BGC Duragrid™

BUSHFIRE & BOUNDRY WALL AREAS

BGC Duragrid™ is eminently suited for both bushfire and boundary wall applications in residential and multi residential buildings.

BGC Duragrid™ can be used as a stand alone product to achieve up to BAL 40 when fixed direct to frame as per the fixing instructions in this manual.

BGC Duragrid™ when used in conjunction with BGC 16mm Wet Area Fireboard will comply with the requirements of AS3959:2009 and AS1530.4 to achieve BAL FZ>10 as well as 60 minute and 90 minute boundary wall systems.

BUSHFIRE AS3959:2009 APPLICATIONS

AS3959:2009 sets out a series of Bushfire threat levels to buildings described as BAL (Bushfire Attack Levels) as follows: BAL-Low, BAL-12.5, BAL-19, BAL-29, BAL-40 or BAL-FZ (Flamezone).

BGC Duragrid™ may be used to achieve a BAL-40 or BAL-FZ>10 when used in conjunction with 16mm Wet Area Fireboard.

BOUNDARY/EXTERIOR WALLS

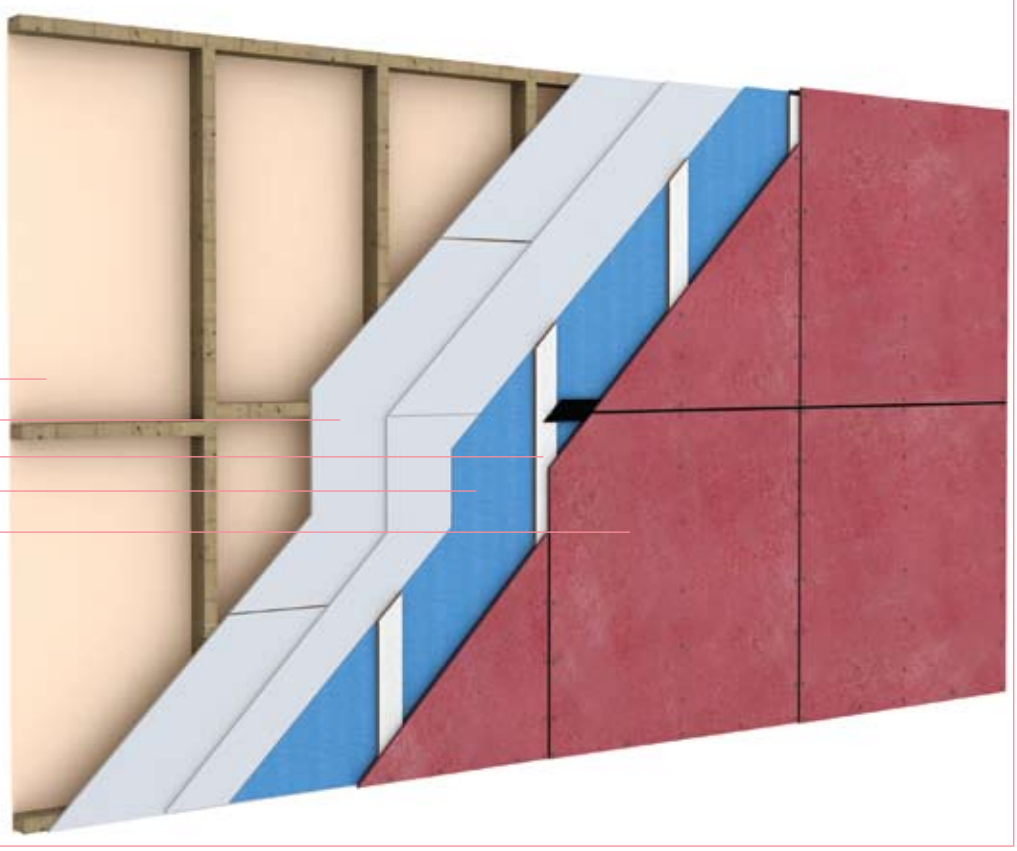
BGC Duragrid™ in conjunction with BGC 16mm Wet Area Fireboard can achieve both 60/60/60 and 90/90/90 FRL fire ratings from the outside as required by the BCA.

Where an exterior wall is required to achieve 60/60/60 FRL (Fire Resistance Level) from the outside, 1 layer of 16mm BGC Wet Area Fireboard installed with BGC Duragrid™ over the Wet Area Fireboard will meet minimum BCA requirements. Similarly 2 layers of 16mm BGC Wet Area Fireboard used in conjunction with BGC Duragrid™ will achieve 90/90/90 from the outside.

NOTE: All exterior walls must have sarking beneath the BGC Duragrid™ No adhesives are to be used when installing Wet Area Fireboard and the BGC Duragrid™. Nails or screws must be used.

For more information please contact your nearest BGC Fibre Cement office.

BOUNDARY WALL SYSTEM



THERMAL BREAKS

Thermal breaks are required for steel framed buildings, in walls enclosing habitable and or usable spaces. Careful consideration of thermal heat transfer and the position of thermal breaks need to be addressed by the architects, engineers and building designers.

Thermal breaks should be installed between the steel Durabatten sections and the Duragrid™ cladding.

Balustrades, parapets, and other non-enclosing wall elements may not require thermal bridging, except where the possibility of high thermal heat transfer exists through the steel CFS sections to the main structural steel element of the building.

MOISTURE MANAGEMENT

Designers, specifiers and builders have a duty of care to identify moisture-associated risks with any individual building design.

Wall construction design should consider both the interior and exterior environments of the building to effectively manage moisture. Special consideration should be given to buildings that are in extreme climates or at higher risk of wind driven rain.

In addition, all wall openings, penetrations, junctions, connections, window heads, sills and jambs must incorporate appropriate flashing for waterproofing. All other components, materials and installation methods used to manage moisture in walls should comply with the relevant standards of the Building Code of Australia (BCA).

WARRANTY

We warrant that our products are free from defects caused by faulty manufacture or materials for a period of 15 years from the date of purchase. If you acquire any defective products, we will repair or replace them, supply equivalent replacement products or refund the purchase price within 30 days of receiving a valid claim subject to product inspection and confirmation of the existence of a defect by BGC. We will bear the cost of any such repair, replacement or refund.

This warranty is given by:
BGC Fibre Cement Pty Ltd
121 Bannister Rd Canningvale WA 6970
Phone 08 9334 4900 Fax 089334 4749

To claim under this warranty, you must provide proof of purchase as a consumer and make a written claim (including any costs of claiming) to us at the address specified above within 30 days after the defect was reasonably apparent, or if the defect was reasonably apparent prior to installation, the claim must be made prior to installation. You may not claim under this warranty for loss or damage caused by:

- faulty or incorrect installation by non-BGC installers (BGC's installation procedures are at bgc.com.au/FibreCement);
- failure to comply with the Building Code of Australia or any applicable legislation, regulations approvals and standards;
- products not made or supplied by BGC;
- abnormal use of the product; or
- normal wear and tear.

The benefits available under this warranty are in addition to other rights and remedies of the consumer under the law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

NOTES

CONTACT

TO CONTACT
YOUR NEAREST
BGC STOCKIST,
PLEASE CALL:

ADELAIDE
TELEPHONE
08 8250 4962

BRISBANE
TELEPHONE
07 3271 1711

MELBOURNE
TELEPHONE
03 9392 9444

PERTH
TELEPHONE
08 9334 4900

SYDNEY
TELEPHONE
02 9632 2100

NEW ZEALAND
TELEPHONE
0011 64 9264 1457

TECHNICAL HELP LINE
1300 652 242

BGC Fibre Cement

Quality System

Quality
Endorsed
Company

BGC FIBRE CEMENT IS A PROUD AUSTRALIAN OWNED MANUFACTURER OF FIBRE CEMENT PRODUCTS.

BGC FIBRE CEMENT PROVIDES BUILDERS, DEVELOPERS AND ARCHITECTS WITH A RANGE OF DESIGN ALTERNATIVES AND INNOVATIVE PRODUCTS, SUCH AS:

EXTERIOR PRODUCTS AND APPLICATIONS
INNOVA RANGE OF PRODUCTS

DURAGRID™ RESIDENTIAL & DURAGRID™ LIGHT COMMERCIAL / A light weight facade giving a modern and durable finish.

DURACOM™ / A compressed fibre cement facade system.

DURAGROOVE™ / A vertically grooved exterior facade panel.

DURASCAPE™ / A lightweight exterior facade base sheet with a subtle vertical shadow line.

NULINE™ / A weatherboard style cladding system.

STONESHEET™ / Purpose designed substrate for stone tile facade.

EXTERIOR PRODUCTS AND APPLICATIONS
BGC FIBRE CEMENT RANGE OF PRODUCTS

DURASHEET™ / Ideal for the cladding of gables and lining of eaves. Can also be used on commercial soffits and cladding on non impact areas.

DURAPLANK™ / Available in Smooth, Woodgrain and Rusticated finishes, Duraplank™ is ideal for exterior cladding of upper storey conversions or ground level extensions.

DURATEX™ / A base sheet used for textured coatings on exterior wall applications.

DURALATTICE™ / Square or diamond patterned lattice, suitable for screens, pergolas and fences.

COMPRESSED / Used for domestic, commercial sheet for wet areas, flooring, partitions, exterior decking, fascia and facade cladding.

DURALUX™ / Suitable for exterior applications where it will be sheltered from direct weather.

DURALINER™ / Suitable for eaves and soffits where it will be sheltered from direct weather.

INTERIOR PRODUCTS AND APPLICATIONS

DURALUX™ / An interior lining board suitable for ceilings and soffits.

DURALINER™ / An interior lining board, this is the perfect substrate for tiles and is ideal for wet areas.

CERAMIC TILE UNDERLAY / A substrate for ceramic and slate floor tiles.

VINYL CORK FLOOR COVERINGS / A substrate for vinyl floors.

AUSTRALIAN OWNED & MANUFACTURED
WWW.BGC.COM.AU/FIBRECEMENT

DESIGN
WWW.THESHAPEGROUP.COM.AU