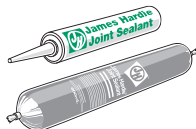

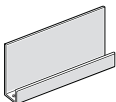
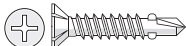
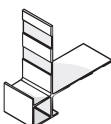
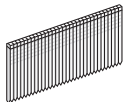
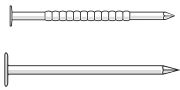
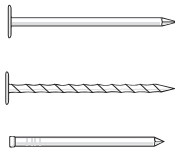


Accessories	Description
	James Hardie™ Joint Sealant* General purpose, paintable, exterior grade polyurethane joint sealant. 20 per box, 300ml cartridge/600ml sausage. PC: 305534/305672 * Not to be used in fire applications
	HardieBlade™ Saw Blade Ø185mm or Ø254mm diameter poly-diamond blade for fast and clean cutting of James Hardie® fibre cement. 1 each. Ø185mm PC: 300660, Ø254mm PC: 303375
	James Hardie™ 18mm PVC Cavity Vent Strip Perforated PVC extrusion used at the bottom of walls behind Scyon™ Matrix™ cladding. 25 per pack, 3,000mm long. PC: 305555
	HardieDrive™ Screw 40mm long A Class 3 finish self-tapping wing-tipped screw for fastening to 0.8mm to 1.6mm BMT steel frames. 500 per box PC: 305533
	James Hardie™ 9mm Aluminium External Corner Ready to paint aluminium extrusion, to be used with EasyLap™ panel and Scyon™ Axon™, Scyon™ Matrix™ cladding, at external corner junctions to conceal the board edge. 5 per pack, 3,000mm lengths. PC: 305521

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories	Description
	C25 Stainless Steel Brad Nails C25 16 gauge 304 stainless steel brad nails used with James Hardie™ Joint Sealant for fixing Matrix™ panels to the Scyon™ cavity trim.
	Gun nail trim to frame 2.8 x 65mm long nail or 75 x 2.8mm D or round head galvanised smooth shank nail used to fix Scyon™ cavity trim to timber stud. Min. Class 3.
	Nails to fix panel to cavity trim 2.8 x 30mm galvanised nail, 2.6 x 32mm galvanised or stainless steel twist shank nail. Nail head must be a minimum round head diameter of 5.3mm, 25mm DA stainless steel Brad Nail for fixing Matrix™ panels to Scyon™ cavity trim.

For more information about performance, installation, warranties and warnings: www.scyon.com.au



scyonTM

STRIATM

CLADDING

CLASSIC APPEAL WITH
MODERN METHODS

ScyonTM StriaTM cladding
standard profile
325mm wide x 14mm thick





STRIA™ CLADDING

What is it?

A range of cladding that features a horizontal ship-lapped joint. Pre-primed and easy to install, Stria™ cladding is the fast way to achieve a timeless and classic look that endures.

Where do you use it?

In residential applications wherever a timeless, classic and enduring look is required, including external walls in composite or full wrap construction, upper-storey and ground-level extensions and internal feature walls.

WHAT ARE THE KEY BENEFITS?

DESIGN OPTIONS. There are three profiles to choose from in the Stria™ cladding range. Each offering a variation of a 'classic' look.

Stria™ cladding – standard profile 325mm wide

14mm thick with a square horizontal edge that gives the timeless charm and classic appeal of decorative rendered and raked masonry.

Stria™ cladding – wide profile 405mm wide

14mm thick with a square horizontal edge that gives the timeless charm and classic appeal of decorative rendered block-work.

Stria™ cladding – splayed profile 255mm wide

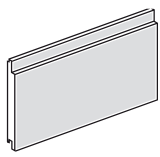
16mm thick with a splayed horizontal edge that gives the timeless charm and classic look of traditional timber.

And each of these looks can be further enhanced by your choice of corner detailing, for example, aluminium, mitred or Scyon™ Axent™ trim. Easy-to-cut mitred corners mean that horizontal lines wrap the building seamlessly. Alternatively, Scyon™ Axent™ trim can provide a contrast. Plus, a vertical flashing stop provides a 15mm vertical groove to match the horizontal for a more geometric treatment.

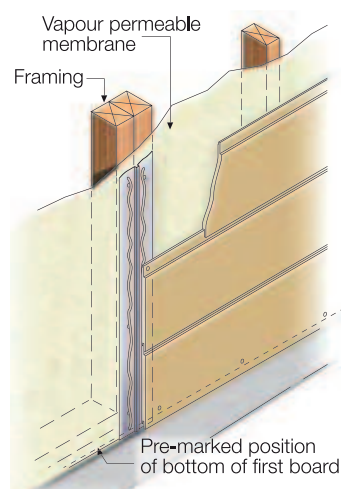
SPEED. Stria™ cladding is the fast and simple way to create a timeless and classic look. Once the first board is fixed level, the shiplapped joint on the next extra-wide, 4.2m long board is fixed to the top of the previous board and can be joined on or off stud. For a classic rendered and raked masonry look, compare this to the slower process of laying bricks, rendering, scoring and painting (and with all the associated mess and scheduling of different trades).

Continued on page 20

Stria™ cladding size

Product	Product Code	Profile	Size (nominal)	
			Length (mm)	Width (mm)
	404063	Standard	4,200	325
	404413	Wide	4,200	405
	404522	Splayed	4,200	255

Stria™ cladding installation



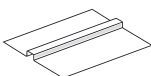
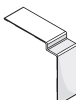
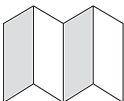
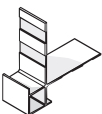
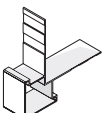
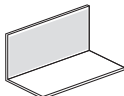


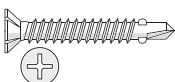
NOTE
Ensure each board is level and the height of each row of boards is kept the same.

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories	Description
	40 and 50 x 2.8mm Fibre Cement Nails Minimum Class 3. 40mm for concealed fixing, 50mm for face fixing.
	ND or DA 50mm Stainless Steel Brad Nail 14 gauge x 50mm ND or DA stainless steel nail for an alternative to fixing Scyon™ Stria™ cladding to frame. Two per board and suitable up to N3 only. Refer to tables 1 and 2 in the Scyon™ Stria™ cladding installation manual.

Standard Profile 325mm wide	Wide Profile 405mm wide	Splayed Profile 255mm wide
		

		Coverage information	
Thickness (mm)	Effective cover (mm)	No. of boards/ metre height	Mass (kg/m ²)
14	300	3.3	18.93
14	380	2.6	18.93
16	230	4.3	21.60

Accessories	Description
	Stria™ Vertical Flashing Stop For use with Scyon™ Stria™ cladding behind boards at vertical joints. 5 per pack, 3,000mm lengths. PC: 305547
	James Hardie™ 14mm Aluminium Internal Corner Mould Ready to paint aluminium extrusion to be used with Scyon™ Stria™ cladding – standard and splayed profile to create internal corners. 5 per pack, 3,000mm long. PC: 305518
	James Hardie™ 16mm Aluminium Internal Corner Mould Ready to paint aluminium extrusion to be used with Scyon™ Linea™ weatherboard and Scyon™ Stria™ cladding – splayed profile to create internal corners. 5 per pack, 3,600mm long. PC: 305511
	James Hardie™ 14mm Aluminium External Trim Corner Ready to paint aluminium extrusion to be used with Scyon™ Stria™ cladding – standard and splayed profile to create external boxed corners. 5 per pack, 3,000mm long. PC: 305519
	James Hardie™ 16mm Aluminium External Trim Corner Ready to paint aluminium extrusion to be used with Scyon™ Stria™ cladding – splayed profile to create external corners. 5 per pack, 3,000mm long. PC: 305630
	James Hardie™ 75x75mm Colorbond® Corner Flashing Colorbond® corner flashing for use behind cladding at internal and external corners. 5 per pack, 3,000mm lengths. PC: 305564
	James Hardie™ Joint Sealant General purpose, paintable, exterior grade polyurethane joint sealant. 20 per box, 300ml cartridge/600ml sausage. PC: 305534/305672 *Not to be used in fire applications
	HardieBlade™ Saw Blade Ø185mm or Ø254mm diameter poly-diamond blade for fast and clean cutting of James Hardie® fibre cement. 1 each. Ø185mm PC: 300660, Ø254mm PC: 303375
	HardieDrive™ Screws A Class 3 finish self-tapping wing-tipped screw for fastening to 0.8mm to 1.6mm BMT steel frames. Sizes: 32mm and 40mm long. 500 per box. PC: 305532/305533



STRIA™ CLADDING

LOW MAINTENANCE. Stria™ cladding will maintain its integrity and general appearance significantly longer than timber. Some timber is susceptible to cracking in exterior applications, which in turn can lead to shrinking or warping. Stria™ cladding will resist shrinking, swelling and cracking¹ to hold paint longer than wood and can also be painted dark as well as light colours.

ENHANCES ENERGY EFFICIENCY. When Stria™ cladding is used with the right insulation and in accordance with the standard installation instructions, an R-Value of up to 2.8 can be achieved for the wall. Greater Total R-Values can be achieved through the use of cavity wall construction and reflective vapour permeable membranes. Refer to the James Hardie's Wall System Thermal Performance Total R-Values Technical Supplement for more information.

EXTRA SECURITY. James Hardie® provides a 25-year product warranty on Stria™ cladding.

MADE FROM SCYON™. Stria™ cladding is made from Scyon™, the advanced lightweight cement composite with the heavy-duty performance. Not only is it resistant to damage from termites, rot and fire,² but it can also be gun nailed² and is easy to cut – like timber.

MADE IN AUSTRALIA – Standard and Splayed profiles

MADE IN NEW ZEALAND – Wide profile

¹ When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

² Can be gun nailed for face fixing only.

For more information about performance, installation, warranties and warnings:
www.scyon.com.au





BUILDING SIMPLICITY

scyonTM

ScyonTM StriaTM cladding
splayed profile 255mm wide x 16mm thick



scyon[™]

SECURA[™]

EXTERIOR
FLOORING

PEACE OF MIND
THE EASY WAY



SCYON™ SECURA™

EXTERIOR FLOORING

What is it?

An external structural flooring substrate for tile finishes over timber or lightweight steel floor joists. Simple and fast to install, Secura™ exterior flooring helps give you extra peace of mind against moisture damage to balconies and decks.

Where do you use it?

As an external substrate for tiled residential balconies and decks. It's an alternative to particle board, plywood or compressed fibre cement.

WHAT ARE THE KEY BENEFITS?

SECURITY. Secura™ exterior flooring is sealed on all sides with an advanced polymer coating that helps protect the board from moisture-related problems. A topcoat on the surface of the board provides good adhesion. The continuous mesh reinforcement on the underside enhances the heavy-duty performance of Scyon™, adding extra strength and impact resistance to deliver a suitable external residential flooring substrate.

FAST AND EASY TO INSTALL. Scyon™ Secura™ exterior flooring can be up to 40% faster to install than conventional compressed fibre cement sheet. This is because it's made from Scyon™ which is about 24% lower in density than compressed fibre cement, making it lighter, and easier to handle and install, without compromising heavy-duty performance. In fact, there's no need for pre-drilling and screwing, because it can be gun nailed and is easy to cut like timber.

It's also tongue and grooved, which delivers engineered joints and eliminates the need for timber trimmers under these joints.

NO FUSS. For balconies that aren't over habitable rooms – verandas for example – no additional waterproofing membrane is needed once Secura™ exterior flooring is installed.² For balconies over habitable rooms, a waterproofing system needs to be applied.

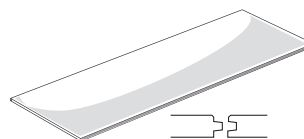
MADE FROM SCYON.™ Secura™ exterior flooring is made from Scyon™, the advanced lightweight cement composite with the heavy-duty performance. Not only is it resistant to damage from termites, rot and fire¹, but it can also be gun nailed and is easy to cut – like timber.

MADE IN AUSTRALIA

¹ When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

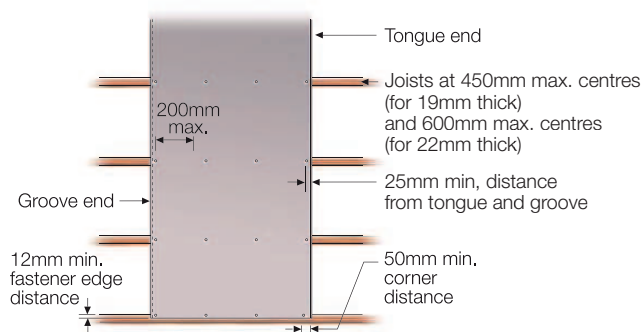
² A priming coat is recommended to be applied over all sheets before tiling, refer to the manual.

Secura™ exterior flooring



Product Code	Length (mm)	Width (mm)	Thickness (mm)	Joist Centres (mm)	Mass (kg/m ²)	Edge Colour
404050	2,700	600	19	450	24.5	Light Blue
404689	2,400	600	22	600	28.3	Dark Blue

Secura™ exterior fastener layout



Accessories	Description
	James Hardie™ Joint Sealant* General purpose, paintable, exterior grade polyurethane joint sealant. 20 per box, 300ml cartridge/600ml sausage. PC: 305534/305672 *Not to be used in fire applications
	HardieBlade™ Saw Blade Ø185mm or Ø254mm diameter poly-diamond blade for fast and clean cutting of James Hardie® fibre cement. 1 each. Ø185mm PC: 300660, Ø254mm PC: 303375
	HardieDrive™ Screw 40mm long A Class 3 finish self-tapping wing-tipped screw for fastening to 0.8mm to 1.6mm BMT steel frames. 500 per box PC: 305533

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories	Description
	Nails 50 x 2.8mm corrosion-resistant fibre cement nails. 50mm corrosion-resistant D Head gun nails.

For more information about performance, installation, warranties and warnings: www.scyon.com.au

scyonTM

SECURATM

INTERIOR
FLOORING

TOP PROTECTION ON
ALL INTERIOR FLOORS



SCYON™ SECURA™

INTERIOR FLOORING

What is it?

A heavy-duty but lightweight structural flooring substrate that does double duty – it can be easily used for tile, vinyl and carpet finishes over timber or steel floor joists in both residential general interiors and wet areas. Simple and fast to install, Scyon™ Secura™ interior flooring is the easiest way to get top protection against moisture damage to all interior floors.

Where do you use it?

As a substrate for direct fixing of tiles, vinyl and carpet in residential floors and wet areas, as an alternative to particle board, plywood or compressed fibre cement.

WHAT ARE THE KEY BENEFITS?

FAST AND EASY TO INSTALL. Scyon™ Secura™ interior flooring can be up to 40% faster to install than conventional compressed fibre cement sheet. This is because it's made from Scyon™ which is about 24% lower in density than compressed fibre cement, making it lighter, and easier to handle and install, without compromising heavy-duty performance. In fact, there's no need for pre-drilling and screwing, because it can be gun nailed and is easy to cut like timber.

It's also tongue and grooved. This edge delivers an engineered joint, eliminates the need for timber trimmers under these joints, and is compatible with other flooring products of the same thickness.

NO FUSS. The moisture-resistant sealer on all sides combined with the moisture-resistant properties of Scyon™ removes the need for full floor waterproofing outside enclosed shower areas. And unlike some timber products, tiles and vinyl can be directly fixed without the need for an underlay sheet.

SECURITY. Secura™ interior flooring is resistant to damage from moisture, so if rain holds you up during construction and the roof's not yet on², the product won't need replacing or sanding because its warped and twisted, like some timber products.¹ This resistance to moisture damage also means that if there is a waterproofing failure some time in the future, then the Secura™ interior flooring will continue to perform, even if it gets wet. The strong, no-squeak feel of Secura™ interior flooring also gives a solid impression without the weight and cost of concrete. Secura™ interior flooring has a 10-year product warranty when installed and maintained correctly.

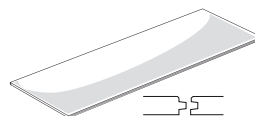
MADE FROM SCYON.™ Secura™ interior flooring is made from Scyon™, the advanced lightweight cement composite with the heavy-duty performance. Not only is it resistant to damage from termites, rot and fire¹, but it can also be gun nailed and is easy to cut – like timber.

MADE IN AUSTRALIA

¹ When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

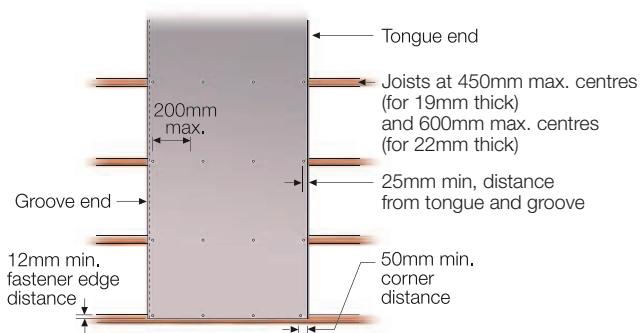
² Exposure to the elements should not be longer than three months.

Secura™ interior flooring



Product Code	Length (mm)	Width (mm)	Thickness (mm)	Joist Centres (mm)	Mass (kg/m ²)	Edge Colour
404173	2,700	600	19	450	24.5	White
403550	1,800	900	19 NEW	450	24.5	White
404691	2,400	600	22 NEW	600	28.3	Dark Grey

Secura™ interior fastener layout



Accessories

Description



James Hardie™ Joint Sealant

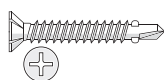
General purpose, paintable, exterior grade polyurethane joint sealant. 20 per box, 300ml cartridge/600ml sausage. PC: 305534/305672

* Not to be used in fire applications



HardieBlade™ Saw Blade

Ø185mm or Ø254mm diameter poly-diamond blade for fast and clean cutting of James Hardie® fibre cement. 1 each. Ø185mm PC: 300660, Ø254mm PC: 303375



HardieDrive™ Screw 40mm long

A Class 3 finish self-tapping wing-tipped screw for fastening to 0.8mm to 1.6mm BMT steel frames. 500 per box PC: 305533

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories

Description



Nails

50 x 2.8mm corrosion-resistant fibre cement nails. 50mm corrosion-resistant D Head gun nails.



Screws

N° 8 x 40mm corrosion-resistant self-embedding head for screwing to timber.



QuikDrive Collated Screw

42mm long Class 3 screw for fixing to 0.8mm to 1.6mm BMT steel framing. Part No. CBSDG158SA



Construction Adhesive

Suitable construction adhesive for gluing sheets to floor frame.

For more information about performance, installation, warranties and warnings: www.scyon.com.au



BUILDING DURABILITY

scyon™

Scyon™ Stria™ cladding
wide profile
405mm wide x 14mm thick



Environmental impact

James Hardie® is a longstanding industry innovator and works consistently to improve the sustainability of its products and manufacturing operations.

The environmental impact of James Hardie® products can be viewed from the following perspectives.

What's the impact of manufacturing Scyon™ products?

Scyon™ is made from benign raw materials low in toxicity:

- ✓ Cellulose fibre – unbleached pine wood pulp from sustainable plantation timbers (Pinus radiata)
- ✓ Ordinary Portland cement
- ✓ Ground sand*
- ✓ Small amounts of additives as required for specific product properties
- ✓ Water.

Scyon™ products are low in embodied energy relative to many other building products like masonry and concrete.

What's the impact of construction that uses Scyon™ products?

Scyon™ products are easy to incorporate into practical building systems that touch the earth lightly.

What's the impact of using Scyon™ products, over the life of a building?

Scyon™ products are very durable and low maintenance which helps create buildings low in lifetime energy consumption.

What's the impact on people living and working in buildings made from Scyon™ products?

Used in the right design, Scyon™ products can be used to create energy efficient and thermally comfortable buildings in any Australian climate.

Scyon™ products are low in volatile organic compounds (VOCs).

* Please read the Best Practice Guide to working safely with fibre cement products on any product page at www.scyon.com.au or www.jameshardie.com.au

Work safely

James Hardie® products contain sand, a source of respirable crystalline silica, which is considered by some international authorities to be a cause of cancer from some occupational sources.

Breathing excessive amounts of respirable silica dust can also cause a disabling and potentially fatal lung disease called silicosis and has been linked with other diseases.

Some studies suggest smoking may increase these risks. During installation or handling:

1. Work in outdoor areas with ample ventilation.
2. Minimise dust when cutting by using either a 'Score and Snap' knife, fibre cement shears or, where this is not feasible, use a HardieBlade™ Saw Blade and dust-reducing circular saw attached to a HEPA vacuum.
3. Warn others in the immediate area to avoid breathing dust.
4. Wear a properly fitted, approved dust mask or respirator (for example, P1 or P2) in accordance with applicable government regulations and manufacturer instructions to further limit respirable silica exposures. When cleaning up, use HEPA vacuums or wet clean-up methods. Never dry sweep.

For further information about performance, installation, warranties and warnings, refer to our installation instructions, Material Safety Data Sheets and our guide to safe handling at: www.jameshardie.com.au or www.scyon.com.au

* Please read the Best Practice Guide to working safely with fibre cement products on any product page at www.scyon.com.au or www.jameshardie.com.au



Ask James Hardie®
Call 13 11 03
www.jameshardie.com.au

scyon™

The culmination of years of innovative research and development, Scyon's™ resilient makeup challenges conventional building methods in a range of steadfast products. James Hardie® is committed to the sustainable production of building materials for a tougher and greener tomorrow.



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