

SCYON™

THE BUILDING MATERIAL OF THE FUTURE



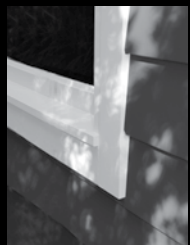
scyon™

SCYON™

THE BUILDING MATERIAL
OF THE FUTURE

are available today with the introduction of a heavy-duty, lightweight newcomer called SCYON™.

The brainchild of James Hardie's research and development team, this advanced cement composite challenges conventional building methods with a range of products that includes inventive cladding, weatherboards, flooring and trims. Created with ease of installation in mind, SCYON™ brings advanced building technology to the buildings of today, with an eye on tomorrow. Not only is Scyon™ resistant to damage from termites, rot and fire, but it can also be gun nailed and is easy to cut – like timber. So keep your eye on SCYON™ and challenge convention.



AXENT™

TRIM



AXON™

CLADDING



STRIA™

CLADDING



MATRIX™

CLADDING



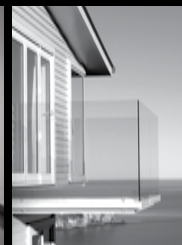
LINEA™

WEATHERBOARD



SECURA™

WET AREA
FLOORING



SECURA™

EXTERIOR
FLOORING

STRIA™ CLADDING

CLASSIC APPEAL
WITH MODERN METHODS



STRIA™

CLADDING

What is it?

A wide cladding board with a 15mm horizontal joint that has the classic appeal of decorative render. Pre-primed and easy to install, Scyon™ Stria™ cladding is the fast way to achieve a timeless look, and that's smarter construction.

Where do you use it?

In residential applications wherever a classic yet contemporary design is required, including external walls in composite construction, upper-storey and ground-level extensions, and internal feature walls.

What are the sizes?

4,200 x 325 x 14mm

What are the key benefits?




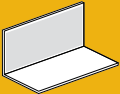


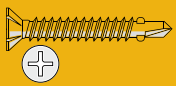
Speed. This is the fast way to create a modern yet classic look. Instead of laying bricks, rendering, scoring and painting (with all the associated mess and scheduling of different trades), Stria cladding has a simple, speedy installation method. Once the first board is fixed level, the shiplapped joint on the next extra-wide, 4.2m long board is fixed to the top of the previous board and can be concealed or face fixed and joined on or off stud.

Design options. The range of corner finishing details – aluminium, mitred or Scyon™ Axent™ trim – allows a range of different looks to be achieved. For example, easy-to-cut mitred corners mean that horizontal lines wrap the building seamlessly. Alternatively, 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.

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.

Extra security. Not only does James Hardie provide a 25-year product warranty on Stria cladding, but Wattyl® Australia Pty Ltd feels so confident it has given a 15-year paint warranty on Wattyl Solagard® when used 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 fire², but it can also be gun nailed³ and is easy to cut – like timber.

Accessories	Description
	Stria™ vertical flashing stop Used behind boards at vertical joints. Part No. 304771.
	HardiBlade® saw blade Ø185 poly diamond blade, for fast, clean cutting of James Hardie fibre cement. Part No. 300660.
	Stria Aluminium Internal Corner Anodised aluminium extrusion used to create internal corners 3.0m lengths. Part No. 304871.
	James Hardie Corner Flashing 75 x 75 x 0.48mm Colorbond®. For use behind cladding at internal and external corners. 3.0m lengths. Part No. 304891.
	James Hardie joint sealant Paintable polyurethane sealant. Part No. 300753.
	Stria Aluminum External Box Corner Anodised aluminium extrusion used to create external boxed corners. 3.0m lengths. Part No. 304872.
	HardieDrive® Screw 32mm long Class 3 galvanised screw for concealed fixing to 0.80–1.6mm BMT steel framing. Part No. 300637.

¹ When installed and maintained correctly.

² When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

³ Can be gun nailed for face fixing only.

For extra technical and installation information:
www.scyon.com.au

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AXON™ CLADDING

A PRISTINE LOOK
THAT LASTS



scyon[™]
AXON[™]
CLADDING



AXON™

CLADDING

What is it?

A vertically grooved cladding panel that looks sharp and smooth. Pre-primed and easy to install, Scyon™ Axon™ cladding is a pristine look that lasts.

Where do you use it?

In residential applications wherever a modern design is required, including external walls in composite construction, upper-storey and ground-level extensions, and internal feature walls.

What are the sizes?

2,450 x 1,200 x 9mm
2,750 x 1,200 x 9mm
3,000 x 1,200 x 9mm

What are the key benefits?

Speed. The stepped shiplap on the long edges of Axon cladding means sheets are easily installed. Paint application is fast because the pre-primed sheets mean less paint and time is needed to achieve a high-quality finish. Finally, sheets are sized to fit common wall frame sizes, which means less waste and cutting.

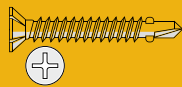





Design options. The vertical grooves – sharp and consistent, providing a uniform look – are a design alternative to typical horizontal features. The option of brad nailing minimises visual interruption. Axon cladding can also be used to add texture as an eave or soffit lining. Made from Scyon™, it will resist shrinking, swelling and cracking¹ to hold paint longer than wood, and can therefore be painted dark as well as light colours.

Made from Scyon™. Axon 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 fire², but also it can also be gun nailed and is easy to cut – like timber. Axon cladding has a 10-year product warranty when installed and maintained correctly.

For extra technical and installation information:
www.scyon.com.au

¹ When installed and maintained correctly.

² When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

Accessories	Description	Quantity
	HardDrive® screw 32mm long Class 3 galvanised screw for fixing into 0.80–1.6mm BMT steel framing.	Pack of 1,000
	50mm foam back sealing tape Self-adhesive EPDM foam tape applied under vertical sheet joints to the vapour permeable membrane along the stud face. The tape helps to improve watertightness.	Each 50mm wide x 1.6mm thick x 25 metres long
	ND 50mm stainless steel brad nail 14 gauge x 50mm ND 304 stainless steel nail for fixing Scyon Axon sheets to a timber stud frame.	Pack of 2,000 with fuel cell
	James Hardie joint sealant Paintable polyurethane sealant. Suitable as a general purpose paintable exterior grade sealant.	Pack of 20 300ml cartridge
	JH aluminium snap on corner 2 part Used to cover internal and external corners.	Length 3,000mm
	HardiBlade® saw blade Diamond tip 185mm diameter fibre cement circular saw blade. For fast, clean cutting of James Hardie fibre cement.	Each

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LINEA™ WEATHERBOARD

THE BOARD THAT
DOESN'T WEATHER



scyon™

LINEA™

WEATHERBOARD

LINEA™

WEATHERBOARD

What is it?

A 16mm thick horizontal weatherboard with deep shadow lines. Scyon™ Linea™ weatherboard is the weatherboard that doesn't weather like traditional weatherboard.

Where do you use it?

In residential applications wherever a contemporary design is required, including external walls in composite construction, upper-storey and ground-level extensions, and internal feature walls.

What are the sizes?

4,200 x 150 x 16mm

4,200 x 180 x 16mm

What are the key benefits?

Design options. The 16mm thick profile creates consistent deep shadows. The range of corner finishing details – aluminium, PVC or Scyon™ Axent™ trim – means that a range of different looks can be achieved. The Linea window adaptor can be used for subtle window treatments or the Axent trim can provide a contrast. Face or concealed fixing rounds out the options.

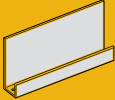








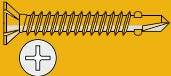
Easy to install. Linea weatherboards are back bevelled to sit flush with the stud. Paint application is fast because the pre-primed sheets mean less paint and time is needed to achieve a high-quality finish.

Low maintenance. Linea weatherboard 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. Linea weatherboard will resist shrinking, swelling and cracking¹ to hold paint longer than wood, and can also be painted dark as well as light colours.

Extra security. Not only does James Hardie provide a 25-year product warranty on Linea weatherboard, but Wattyl® Australia Pty Ltd has given a 15-year paint warranty on Wattyl Solagard® when used on Linea weatherboard, and Taubmans has given a 15-year paint warranty on All Weather® and Sun Proof Max® paints when used on Linea weatherboard.

Made from Scyon™. Linea weatherboard 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 fire², but it can also be gun nailed and is easy to cut – like timber.

For extra technical and installation information:
www.scyon.com.au

Accessories	Description
	Linea PVC starter strip PVC starter strip used to set out bottom edge of Scyon™ Linea weatherboard. 3.0 lengths.
	Linea 150mm corner soaker Metal corner soaker for external corners available in either aluminium or stainless steel. Pack of 20, 170mm long.
	Linea 180mm corner soaker Metal corner soaker for external corners available in either aluminium or stainless steel. Pack of 20, 200mm long.
	Linea aluminium external slimline boxed corner Anodised aluminium extrusion used to create external boxed corners. 3.6m lengths.
	Linea PVC box corner Z flashing PVC Z flashing used in conjunction with Linea trim to form external corners. 2.7m lengths.
	Linea aluminium internal corner mould Anodised aluminium extrusion used to create internal corners. 3.6m lengths.
	Linea aluminium universal window adaptor Aluminium window adaptor used to finish the edge of weatherboards adjacent to windows. 3.7m lengths.
	James Hardie joint sealant Paintable polyurethane sealant.
	HardieBlade® saw blade Ø185 poly diamond blade, for fast, clean cutting of James Hardie fibre cement.
	HardieDrive® Screw 32mm long Class 3 galvanised screw for concealed fixing to 0.80–1.6mm BMT steel framing.

¹ When installed and maintained correctly.

² When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

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MATRIX™ CLADDING

A COMMERCIAL
LOOK WITHOUT
THE PRICE TAG



MATRIX™

CLADDING

What is it?

An exterior cladding system with a geometric, expressed joint look. Fast and simple to install, Scyon™ Matrix™ cladding is the commercial look without the commercial price tag.

Where do you use it?

In residential and medium-density applications wherever a modern design is required, including external walls in composite construction, upper-storey and ground-level extensions, and internal feature walls.

What are the sizes?

2,390 x 590 x 8mm
1,190 x 1,190 x 8mm
1,790 x 890 x 8mm

Construction benefits



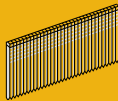



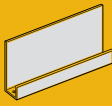

Simple to install. Instead of needing the steel top hats associated with many commercial systems, Matrix cladding sheets are installed with Scyon™ cavity trim battens. The expressed joint is created easily using a 10mm packer. Sheets are sanded smooth and pre-primed for fast paint application and a high-quality finish.

Design options. Square and rectangular panels with an expressed joint mean a variety of looks can be created, from horizontal and vertical stripes to geometric patterns. Sanded sheets give a flat, smooth finish and digital printing can add even more design options. Matrix cladding's resistance to cracking, warping and swelling¹ means it can be painted both dark and light colours. The option of brad nailing minimises visual interruption. Matrix™ cladding may be specified for timber-framed or steel-framed structures.

Durability. The Matrix cladding panels are sealed on all sides for durability and stability, and the product has a 10-year product warranty when installed and maintained correctly.

For extra technical and installation information:
www.scyon.com.au

¹ When installed and maintained correctly.

Accessories	Description
	JH backing strip 0.55mm BMT black high-tensile roll formed steel with preformed stop for creating horizontal expressed panel joints. Pack of 10. 1,190, 2,390 and 2,990mm lengths.
	James Hardie base coat Water-resistant jointing compound. Used to flush finish over epoxy when countersinking fasteners.
	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. Pack of 2,000 includes fuel cell.
	HardiBlade® saw blade Diamond tip 185mm diameter fibre cement circular saw blade. Selling unit: Each.
	JH facade washer Opaque nylon 6 washer fits beneath the appropriate exposed head fasteners when using pre-finished panels. JH facade washers are recommended to be inserted between the panel and the exposed head fastener. Pack of 1,000.
	James Hardie joint sealant Paintable polyurethane sealant Pack of 20, 300ml cartridge.
	JH 18mm PVC cavity vent strip Used at the bottom of walls behind the Matrix panel. 3,000mm long, pack of 10.
	40mm HardieDrive® Screw For fastening Scyon™ cavity trim to 0.8 to 1.6mm BMT steel stud frames.

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AXENT™ TRIM

THE FINISHING
TOUCH THAT
KEEPS ITS FINISH



AXENT™

TRIM

What is it?

A thick and versatile trim made from Scyon™, an advanced cement composite, Scyon™ Axent™ trim is the easy way to add finishing touches that keep their finish.

Where do you use it?

Ideal for edge treatment around windows, finishing touches to internal and external corners, as a design enhancer at butt joints.

What are the sizes?

4,200 x 84 x 38mm
 4,200 x 45 x 38mm
 2,600 x 84 x 16mm
 2,600 x 100 x 16mm

What are the key benefits?

Design options. The thickness of Axent trim helps create the impression of solidness, and the crisp, clean edges highlight openings.

Speed. The range of thicknesses and sizes means Axent trim can be used with any James Hardie cladding and any domestic window, removing the need for special window orders to match different cladding. It's also pre-primed for fast paint application.




Low maintenance. Axent trim 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. Axent trim will resist shrinking, swelling and cracking¹ to hold paint longer than wood, and can also be painted dark as well as light colours.

Made from Scyon™. Axent trim 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 fire², but it can also be gun nailed and is easy to cut – like timber. Axent trim has a 10-year product warranty when installed and maintained correctly.

For extra technical and installation information:
www.scyon.com.au

¹ When installed and maintained correctly.

² When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

Accessories	Description
	HardiBlade® saw blade Ø185 poly diamond blade, for fast, clean cutting of James Hardie fibre cement.
	James Hardie joint sealant Paintable polyurethane sealant.
	ND 50 304 stainless steel brad nails Pack of 2,000 with fuel cell.

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SECURA™ WET AREA FLOORING

PEACE OF MIND
THE EASY WAY



SECURA™

WET AREA FLOORING

What is it?

An internal wet area structural flooring substrate for ceramic tile finishes over timber or lightweight steel floor joists. Simple and fast to install, Scyon™ Secura™ wet area flooring helps give you peace of mind against moisture damage to internal wet area floors.

Where do you use it?

As a substrate for internal tiled floors in residential wet areas, as an alternative to particleboard, plywood or compressed fibre cement.

What are the sizes?

1,800 x 900 x 19mm

What are the key benefits?

Speed. Secura wet area flooring is 20% lighter per square metre than conventional 15mm compressed fibre cement, which makes it easier to handle. The 19mm tongue and groove joining means it is compatible with other 19mm flooring products and eliminates the need for timber trimmers along the tongue and groove joint. Secura wet area flooring's moisture-resistant sealer combined with the moisture-resistant properties of the Scyon™ material remove the need for full floor waterproofing outside enclosed shower areas.





Security. Secura wet area flooring is resistant to damage from moisture, so if rain holds you up during construction and the roof's not yet on, the product won't need replacing¹. This resistance to moisture damage also means that if there is a waterproofing failure some time in the future, then the Secura wet area flooring will continue to perform, even if it gets wet. Secura wet area flooring has a 10-year product warranty when installed and maintained correctly.

Made from Scyon™. Secura wet area 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 fire², but it can also be gun nailed and is easy to cut – like timber.

For extra technical and installation information:
www.scyon.com.au

¹ Exposure to the elements should not be longer than three months.

² When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

Accessories	Description
	HardiBlade® saw blade Ø185 poly diamond blade, for fast, clean cutting of James Hardie building products.
	HardieDrive® Screw For fastening to 0.75mm to 1.6mm BMT steel frames. Class 3 finish. Length 40mm.
	James Hardie joint sealant Polyurethane joint sealant for sheet jointing in wet areas.
	ND 50 304 stainless steel brad nails 14 gauge x 50mm ND 304 stainless steel nail for fixing sheets to timber framing.

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SNEAK PREVIEW

SECURA™ EXTERIOR FLOORING

PEACE OF MIND
THE EASY WAY



scyon™
SECURA™
EXTERIOR
FLOORING

SECURA™

EXTERIOR FLOORING

What is it?

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

Where do you use it?

As an external substrate for tiled residential balconies and as an alternative to particleboard, plywood or compressed fibre cement.

What are the sizes?

2,700 x 600 x 19mm

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 mesh reinforcement on the underside enhances the heavy-duty performance of the Scyon™ material, adding extra strength and impact resistance to deliver a suitable external residential flooring substrate.




Easy to install. At about 40kg and 2,700mm long by 600mm wide, Secura exterior flooring is about 20% lighter than compressed sheet (per square metre) and can be carried by two people, tucked under the arm and carried like a large surfboard. It's also tongue and grooved, which delivers engineered joints and eliminates the need for timber trimmers under these joints.

Speed. For balconies that aren't over habitable rooms – verandas for example – no additional waterproofing membrane is needed once Secura exterior flooring is installed. 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.

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www.scyon.com.au

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

Accessories	Description
	James Hardie joint sealant Polyurethane joint sealant for sealing of all sheet joints. Part 300753.
	HardiBlade® saw blade Ø185 poly diamond blade, for fast, clean cutting of Secura exterior flooring. Part No. 300660.
	HardieDrive® Screw For fastening to 0.75mm to 1.6mm BMT steel frames. Class 3 finish. Length 40mm. Part No. 300635.

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