

PRODUCT OVERVIEW

NOVEMBER 2013

NEW Secura™ flooring sizes on pages 23 and 25



scy^{on}™



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SCYON™

The looks and the brains

Smarter building begins before a single hammer is lifted. It starts from the moment the building materials are designed and produced.

This new generation of sustainable building products feature the advanced cement composite Scyon™. Challenging conventional building methods, they ingeniously combine workability and durability with artful simplicity.

Not only is Scyon™ resistant to damage from termites, rot and fire¹, but it can also be gun nailed and is easy to cut – like timber.

From breathtaking facades, to resilient flooring, Scyon™ opens the door to a new generation of sustainable, efficient and durable products.



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



BUILDING INNOVATION

scyon™





Building designed by Elivo Architects





scyonTM

LINEATM

WEATHERBOARD

THE WEATHERBOARD
THAT WEATHERS WELL

LINEA™ WEATHERBOARD

What is it?

A 16mm thick horizontal weatherboard with deep shadow lines. Scyon™ Linea™ weatherboard is the weatherboard that weathers well.

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 KEY BENEFITS?

DESIGN OPTIONS. The 16mm thick profile creates consistent deep shadows. The range of corner finishing details – aluminium 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 Scyon™ 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. Scyon™ 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. Scyon™ Linea™ 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 Linea™ weatherboard 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 Linea™ weatherboard.

MADE FROM SCYON.™ Linea™ weatherboard is made from Scyon,™ the advanced lightweight cement composite with 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.

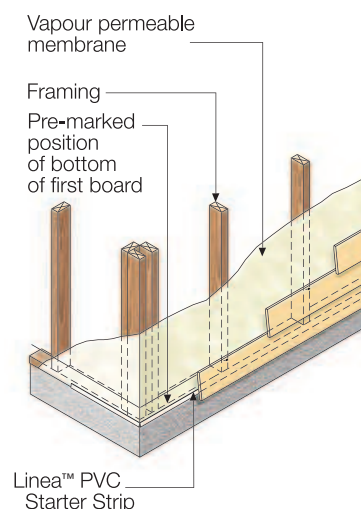
MADE IN AUSTRALIA

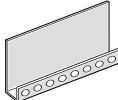

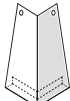
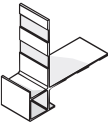
¹ When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

Linea™ weatherboard sizes

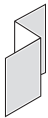
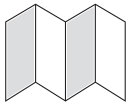
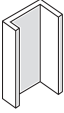


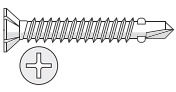
Product	Product Code	Length (mm)	Width (mm)	Thickness (mm)
150mm Linea™ weatherboard	PC: 403930	4,200	150	16
180mm Linea™ weatherboard	PC: 403912	4,200	180	16

Linea™ weatherboard installation





Accessories	Description
	Linea™ PVC Starter Strip Perforated PVC starter strip used to set out the bottom edge of Scyon™ Linea™ weatherboards at the correct angle. 25 per pack, 3,000mm lengths. PC: 305571
	Linea™ Aluminium Corner Soaker for 150mm wide boards Ready to paint aluminium external corner soaker for use with 150mm wide Scyon™ Linea™ weatherboards. 100 per box. PC: 305574
	Linea™ Aluminium Corner Soaker for 180mm wide boards Ready to paint aluminium external corner soaker for use with 180mm wide Scyon™ Linea™ weatherboards. 100 per box. PC: 305572
	Linea™ Aluminium External Slimline Boxed Corner Ready to paint aluminium extrusion to be used with Scyon™ Linea™ weatherboard to create external boxed corners. 5 per pack, 3,600mm lengths. PC: 305512

Coverage information			
End details	Effective cover (mm)	No. of planks/ metre height	Mass (kg/m ²)
Tongue & Groove	120	8.3	21.1
Tongue & Groove	150	6.7	21.1

Accessories	Description
	Linea™ PVC Box Corner Z Flashing PVC Z flashing for use with Scyon™ Linea™ weatherboard in conjunction with Scyon™ Axent™ trim to form external corners. 25 per pack, 2,700mm lengths. PC: 305570
	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
	Linea™ Aluminium Universal Window Adaptor Ready to paint aluminium extrusion to be used adjacent to windows to finish the edge of Scyon™ Linea™ weatherboard. 5 per pack, 3,700mm lengths. PC: 305510
	James Hardie™ Joint Sealant* General purpose, paintable, exterior grade polyurethane joint sealant. 20 per box, 300ml cartridge/600ml sausage. PC: 305534/305672 <small>* Not to be used in fire applications</small>
	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

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories	Description
	40 x 2.8mm fibre cement nails For concealed fixing Linea™ weatherboard and various accessories to timber framing as specified.
	Bullet head nails 60 x 3.15mm corrosion-resistant bullet head nails.

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





 Scyon™ Axon™ cladding
smooth 133mm wide groove spacing



scyon™

AXON™

CLADDING

A PRISTINE LOOK
THAT LASTS

AXON™ CLADDING

What is it?

A vertically grooved cladding panel that looks sharp and uniform. 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 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. Whether you choose the smooth or grained surface texture, the vertical grooves – sharp and consistent, 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.

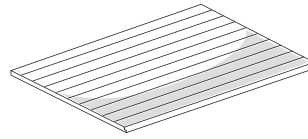
ENHANCES ENERGY EFFICIENCY. When Axon™ cladding is used with the right insulation and in accordance with the standard installation instructions, an R-Value of up to 2.8 can be achieved for the wall. Greater Total R-Values can be achieved through the use of cavity wall construction and reflective vapour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

MADE FROM SCYON™ Axon™ cladding is made from Scyon™, the advanced lightweight cement composite with 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. Axon™ cladding has a 10-year product warranty when installed and maintained correctly.

MADE IN NEW ZEALAND

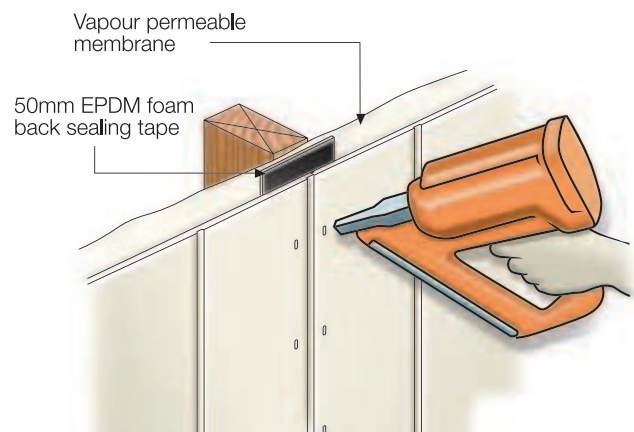
¹ When installed and maintained correctly and to the extent set out in James Hardie's published literature current at the time of installation.

Axon™ cladding sizes



Product Code	Surface Texture	Groove Spacing (mm)	Length (mm)	Width (mm)	Thick (mm)	Mass (kg/m²)
403931	Smooth	133	2,450	1,200	9	12.5
404417	Smooth	400	2,450	1,200	9	12.5
403932	Smooth	133	2,750	1,200	9	12.5
404418	Smooth	400	2,750	1,200	9	12.5
403933	Smooth	133	3,000	1,200	9	12.5
404419	Smooth	400	3,000	1,200	9	12.5
404510	Grained	133	2,450	1,200	9	12.5
404511	Grained	133	2,750	1,200	9	12.5
404512	Grained	133	3,000	1,200	9	12.5

Axon™ installation

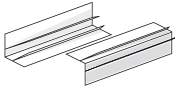
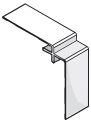
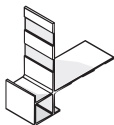
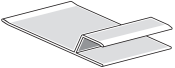
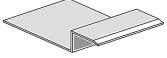
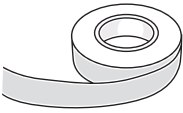


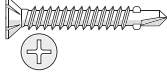


Grained Texture
133mm wide
groove spacing



Smooth Texture
133mm wide
groove spacing

Smooth Texture
400mm wide
groove spacing



Accessories	Description
	James Hardie™ Aluminium Snap On Corner (2-pieces per set) Ready to paint aluminium extrusion set, to be used with Scyon™ Axon™ cladding, HardiePlank™ weatherboard and PrimeLine® weatherboard, at internal and external corner junctions to conceal the board edge. 5 sets per pack, 3,000mm lengths. PC: 305513
	James Hardie™ 9mm Aluminium Internal Corner Ready to paint aluminium extrusion, to be used with EasyLap™ panel and Scyon™ Axon™ cladding, at internal corner junctions to conceal the board edge. 5 per pack, 3,000mm lengths. PC: 305520
	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
	James Hardie™ 9mm Aluminium Horizontal h Flashing 3,000mm long A ready to paint aluminium horizontal flashing, to be used with EasyLap™ panel and Scyon™ Axon™ cladding, for horizontal control joints. 5 per pack. PC: 305613
	James Hardie™ 9mm Aluminium Horizontal h Jointer A ready to paint aluminium joiner, used to join the James Hardie® 9mm Aluminium Horizontal h Flashing. 10 per pack. PC: 305614
	James Hardie™ 50mm wide Foam Back Sealing Tape Self-adhesive foam tape to help improve water tightness with EasyLap™ panel and Scyon™ Axon™ cladding. It is applied under sheet joins to the vapour permeable membrane along the stud face. Roll, 25 metres long x 50mm wide x 1.6mm thick. PC:304560
	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

COMPONENTS NOT SUPPLIED BY JAMES HARDIE®

Accessories	Description
	Fibre Cement Nails 40 x 2.8mm corrosion-resistant fibre cement nail for fixing Axon™ cladding sheets onto timber stud frame.
	ND 50mm Stainless Steel Brad Nail 14 gauge x 50mm ND 304 stainless steel nail for fixing Axon cladding sheets to a timber stud frame.

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

Scyon™ Axon™ cladding
grained texture
133mm wide groove spacing







scyon™

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 KEY 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.

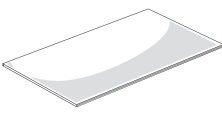
DURABILITY. The Matrix™ cladding panels are sealed on all sides for durability and stability and the product has a 10-year product warranty when installed and maintained correctly.

ENHANCES ENERGY EFFICIENCY. When Matrix™ cladding is used with the right insulation and in accordance with the standard installation instructions, an R-Value of up to 3.3 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.

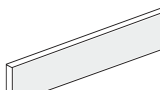
MADE IN AUSTRALIA

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

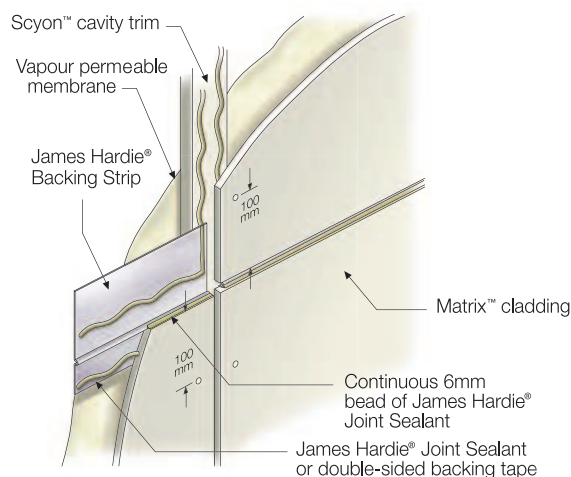
Matrix™ cladding sizes

	Product Code	Length (mm)	Width (mm)	Thickness (mm)	Mass (kg/m ²)
	403811	1,190	1,190	8	12.6
	403810	2,390	590	8	12.6
	403812	1,790	890	8	12.6
	404169	2,990	1,190	8	12.6

Scyon™ cavity trim

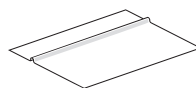
	Product Code	Length (mm)	Width (mm)	Thickness (mm)	Mass (kg/m ²)
	403840	2,450	70	19	3.4

Matrix™ cladding installation



Accessories

Description



James Hardie™ Backing Strip

Weather seal at horizontal panel joints for use with ExoTec® facade panel and fixing system and Scyon™ Matrix™ cladding. Pack of 10. 1,190mm, 2,390mm and 2,990mm lengths. PC: 305557/305558/305559



James Hardie™ Base Coat

Water-resistant base coat compound used in conjunction with James Hardie™ Top Coat to create a seamless flush joint for Villaboard® lining. 15kg bag. PC: 304491



James Hardie™ Facade Washers

Facade washers used for exposed fastener fixing with ExoTec® facade panel and fixing system and Scyon™ Matrix™ cladding. Pack of 1,000. PC: 305565