



# Installation Guide

HardieEdge™ Trim

**EXTERIORS**

**Australia** August 2017

**Make sure your information is up to date.**

When specifying or installing James Hardie™ products, ensure you have the current installation guide. If in doubt, or you need more information, visit [www.jameshardie.com.au](http://www.jameshardie.com.au) or Ask James Hardie™ on 13 11 03.

# HardieEdge™ Trim

## INSTALLATION GUIDE

### INTRODUCTION AND SCOPE

HardieEdge™ Trim is an architectural slab edge solution. Fabricated from high-quality powder-coated aluminium, HardieEdge™ Trim provides a premium finish when installed at the base of compatible James Hardie™ and Scyon™ cladding products. This guide covers the use of HardieEdge™ Trim in residential façade and select commercial applications where compatible James Hardie™ or Scyon™ cladding has been fixed to a seasoned timber or light-gauge steel frame. This guide should be used in conjunction with the current and respective technical literature of the selected James Hardie™ cladding product.

**NOTE:** HardieEdge™ Trim must be installed prior to fixing the cladding and weather barrier.

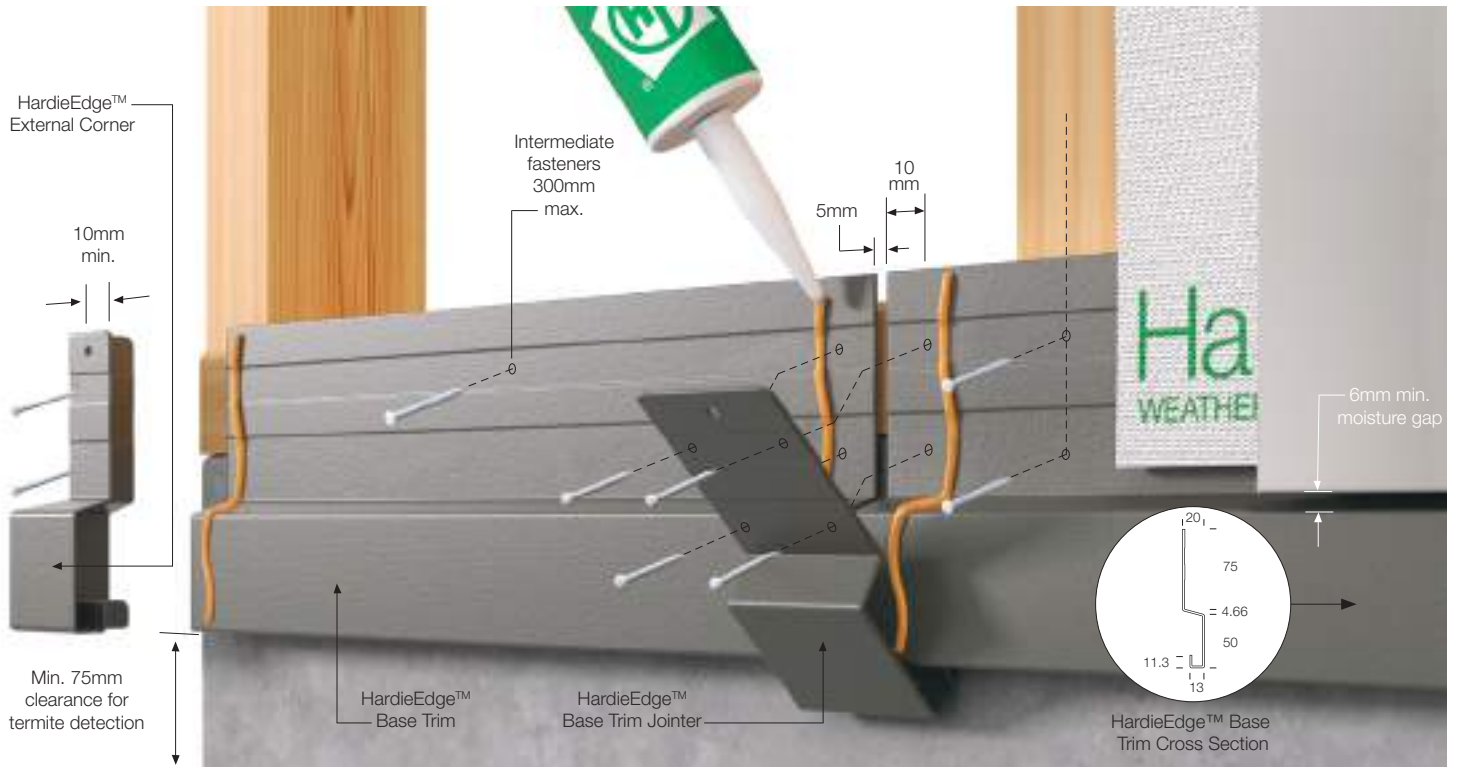


FIGURE 1 INSTALLATION OVERVIEW

### SAFE WORKING PRACTICES

Follow relevant best practices in addition to the recommended safe practices of the Safe Workplace Government Authority in your state. For best practice guidelines relating to James Hardie™ fibre cement products, please refer to the relevant SDS as well as James Hardie's Best Practice Handbook available at [www.jameshardie.com.au](http://www.jameshardie.com.au)

HARDIEEDGE™ COMPONENTS			
PRODUCT	DESCRIPTION	PRODUCT	DESCRIPTION
	<b>HardieEdge™ Base Trim Powder Coated.</b> 3950mm long. A powder coated aluminium extrusion used at slab edges. Colour: Sable™ Brilliance. 4 per pack. Part No. 305911		<b>HardieEdge™ External Corner.</b> An aluminium mould used with HardieEdge™ Base Trim at external corner junctions. Colour: Sable™ Brilliance. 4 per pack. Part No. 305914
	<b>HardieEdge™ Base Trim Jointer.</b> An aluminium extrusion used with HardieEdge™ Base Trim to conceal joints. Colour: Sable™ Brilliance. 12 per pack. Part No. 305912z		<b>HardieEdge™ Internal Corner.</b> An aluminium mould used with HardieEdge™ Base Trim at internal corner junctions. Colour: Sable™ Brilliance. 4 per pack. Part No. 305913

TABLE 1: COMPATIBLE CLADDING	
Scyon™ Matrix™ cladding	✓*
Scyon™ Axon™ cladding	✓
Scyon™ Stria™ cladding	✓
Scyon™ Linea™ weatherboard	✓
HardieFlex™ sheets 6mm	✓
PrimeLine® weatherboard	✓**
HardiePlank™ weatherboard	✓
PanelClad® sheets	✓
EasyLap™ panels	✓
HardieTex™ base sheets	✓
ComTex™ façade panel and fixing system	✓*
ExoTec® façade panel and fixing system	✓*

\* Install HardieEdge™ system over cavity batten/top hats.  
 \*\* Scyon™ Linea™ cladding will protrude beyond the edge of HardieEdge™ Trim. It is up to the specifier to determine suitability.

COMPONENTS SUPPLIED BY JAMES HARDIE			
ACCESSORIES	DESCRIPTION	ACCESSORIES	DESCRIPTION
	<b>HardieDrive™ Screw 40mm Long.</b> A Class 3 finish self-tapping wing-tipped screw for fastening to 0.8mm to 1.6mm BMT steel frames. 500 per box. Part No. 305532		<b>James Hardie™ Joint Sealant 300mL cartridge.</b> A general purpose, paintable, exterior grade polyurethane joint sealant. 20 per box. Part No. 305534
<b>COMPONENTS NOT SUPPLIED BY JAMES HARDIE</b> James Hardie recommends the following products for use in conjunction with its HardieEdge™ Trim. James Hardie does not supply these products and does not provide a warranty for their use. Please contact component manufacturer for information on their warranties and further information on their products.			
	<b>Step Angle.</b> A customised aluminium flashing used with HardieEdge™ Base Trim at the slab step to conceal joints.		<b>Buildex™ FibreTEKS Screw</b> 10g x 25mm min. Class 4 metal screw.
	<b>Timber Nails.</b> 2.8 x 30mm min. Class 3 corrosion resistant nail.		<b>Radial Arm Saw.</b> Fitted with an aluminium blade.

## IMPORTANT NOTES

1. Failure to install, finish or maintain this product in accordance with applicable building codes, regulations, standards and James Hardie's written application instructions may lead to personal injury, affect system performance, violate local building codes, and void James Hardie's product warranty.
2. All warranties, conditions, liabilities (direct, indirect or consequential) and obligations whether arising in contract, tort or otherwise other than those specified in James Hardie's product warranty are excluded to the fullest extent allowed by law. Conditions of warranty are available at [www.jameshardie.com.au](http://www.jameshardie.com.au) or call 13 11 03.
3. The builder must ensure the product meets aesthetic requirements before installation. James Hardie will not be responsible for rectifying aesthetic surface variations following installation.
4. Make sure your information is up to date. When specifying or installing James Hardie™ products, ensure you have the current guide. If in doubt, or you need more information, visit [www.jameshardie.com.au](http://www.jameshardie.com.au) or Ask James Hardie™ on 13 11 03

## INSTALLATION

Refer to the **Design Considerations** section prior to commencing your install.

1. Confirm cladding compatibility. See Table 1.
2. **Inspect Slab Variation**  
Slab variation is to be no more than 14mm over a 4m span. Where bulges exist in the slab that are more than 7mm, remove excess concrete.
3. **Measure and Cut Components**  
Mark out a line to affix HardieEdge™ Trim ensuring minimum 75mm slab exposure. Where required, cut HardieEdge™ Base Trim using an aluminium blade on a radial arm saw.
4. **Install HardieEdge™ Trim to the Stud Frame**  
Apply James Hardie™ Joint Sealant to HardieEdge™ Base Trim. Slide HardieEdge™ Corner and Joints over the sealant and proceed to fix HardieEdge™ Base Trim to the stud frame bottom plate. Ensure HardieEdge™ Base Trim is double nailed at both ends (10mm from end).

## DESIGN CONSIDERATIONS

### General

All design and construction must comply with the appropriate requirements of the current National Construction Code (NCC) and other applicable regulations and standards.

### Slab and Footings

The slab and footings on which the building is situated must comply with AS 2870 'Residential slabs and footings – Construction' and the requirements of the NCC.

### Ground Clearance

Install HardieEdge™ Trim with a minimum 75mm clearance to the earth on the exterior of the building or in accordance with local building codes if greater than 75mm is required. In balcony applications, HardieEdge™ Trim may be installed in contact with the floor slab as per Figure 3. Ensure that all components are compatible and suitable for the proposed application. Adjacent finished grade must slope away from the building in accordance with local building codes (typically a minimum slope of 50mm minimum over the first metre). Do not install in such a way that it may remain in contact with standing water.

## Termite Management

The NCC specifies requirements for termite barriers. Where the exposed slab edge is used as part of the termite barrier system, a minimum of 75mm of the exposed slab edge must be visible to permit ready detection of termite entry (see Figures 2 and 3) Alternatively, the 75mm clearance may be reduced when used in conjunction with a suitable and certified termite management mechanism in accordance with AS 3660.1 or reticulation system. Please consult the relevant manufacturer for more information.



FIGURE 2 TERMITE MANAGEMENT OPTION 1

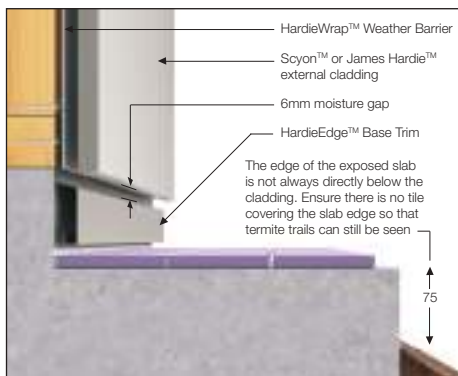


FIGURE 3 TERMITE MANAGEMENT OPTION 2

## Fascia-Soffit Junction

HardieEdge™ Trim may be used in lieu of standard fascia-soffit flashing to provide a trim and shadow line at the corner.

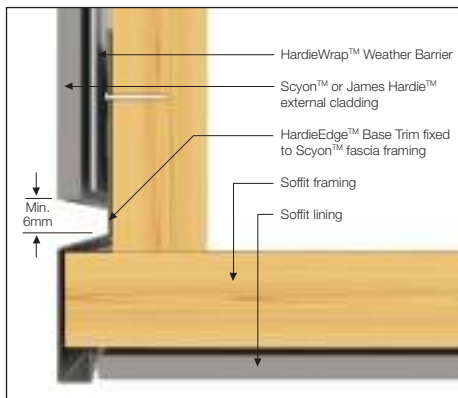


FIGURE 4 FASCIA SOFFIT JUNCTION

## Slab Steps

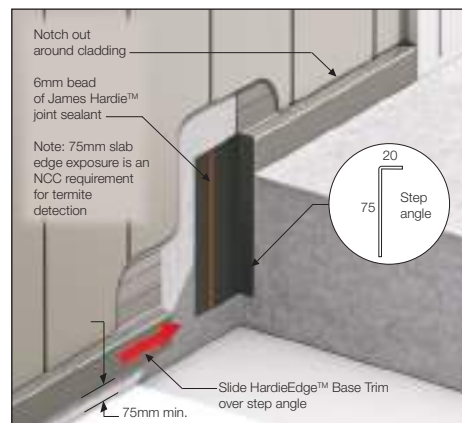


FIGURE 5 SLAB STEP

## Corrosive Environments

Fasteners must have the appropriate level of durability required for the intended project. This is of particular importance in coastal areas, areas subject to salt spray and other corrosive environments. Fasteners must be fully compatible with all other materials that they are in contact with to ensure the durability and integrity of the assembly. Contact the fastener manufacturer(s) for more information.

## Moisture Management

It is the responsibility of the designer or specifier to identify moisture related risks associated with any particular building design. HardieEdge™ Base Trim, when installed correctly, can act as a base flashing in lieu of specified Z-flashings, footmoulds or cavity strips.

## MAINTENANCE

Regular cleaning and maintenance of the finished surface, joints, junctions etc. must be carried out at regular intervals to maintain the finish and weather resistance of the trim and cladding. Maintenance must also meet the requirements of the relevant component manufacturer.

**NOTE: ENSURE TO MAINTAIN THE REQUIRED TERMITE PROTECTION CLEARANCE.**

## STORAGE AND HANDLING

To avoid damage, all James Hardie™ building products should be stored with edges and corners of the product protected from chipping. James Hardie™ building products must be installed in a dry state and protected from weather during transport and storage. The product must be laid flat under cover on a smooth level surface clear of the ground to avoid exposure to water, moisture, etc.

## WARRANTY

HardieEdge™ Trim supplied by James Hardie is warranted for a period of 10 years. This product is not warranted for use outside of its intended application.

Please refer to warranty terms and conditions at [www.jameshardie.com.au](http://www.jameshardie.com.au) or call 13 11 03.



**For information and advice  
call 13 11 03 | [jameshardie.com.au](http://jameshardie.com.au)**

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