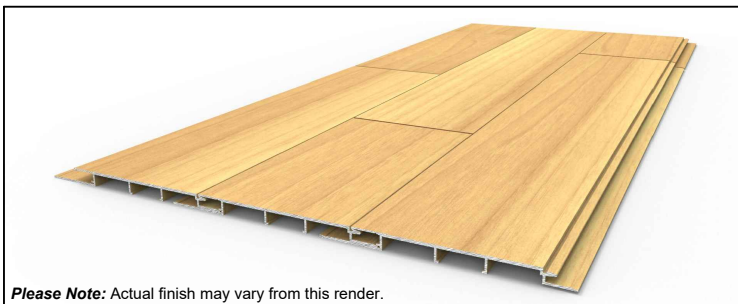
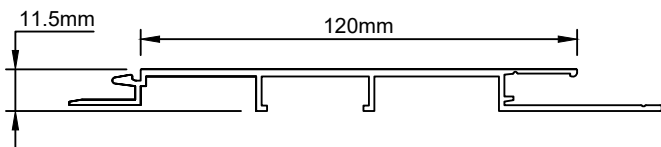


Discover an effortless flooring solution with DecoFloor, the revolutionary new timber-look aluminium floorboards by DECO Australia. DecoFloor offers the beauty of natural timber flooring minus the hassle and ongoing maintenance. Made from durable aluminium, it is a long-lasting, non-combustible alternative to timber and laminate floors, and the ideal flooring solution for residential and commercial applications.

DC-DF01 120mm DecoFloor Board



DecoFloor

All DecoFloor profiles and accessories are supplied in 5.4m lengths. As part of the manufacturing process, the first 10mm of both ends of the extrusion are taped and not imaged, therefore each board will need to be trimmed by 15mm on each end to provide a clean finish. After the removal of each end, this gives a usable of 5.37m.

Performance

As part of DECO's commitment to providing compliant building products, the DecoFloor system has been designed to meet Australia's stringent building standards. DecoFloor has been tested to and passed the following standards:

DecoFloor - Tested Performance Data

Description	Standard	Testing Body
Methods for fire tests on building materials, components and structures - Combustibility test for materials	AS1530.1	CSIRO
Methods for fire tests on building materials, components and structures - Simultaneous determination of ignitability, flame propagation, heat release and smoke release	AS/NZS1530.3	CSIRO
Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter	AS3837	CSIRO
Methods for slip resistance test on pedestrian surface materials - Wet Pendulum Slip Resistance Test - Class: P2	AS4586-2013	SLIP CHECK

DecoFloor - Assessed Performance Data

Clause	Assessment Outcome
NCC 2019 - Volume 1 - Clause C1.9 Non-Combustible building elements	Compliant

Please Note: All testing has been undertaken using the detail provided in this installation guide and in order to claim the performances set out here within, the detail in this guide must be followed.

Warranty for DECO Products & Finishes

DECO Australia warrants that DECO finishes have been applied in accordance with the Australian Standard for Architectural Powder Coating AS 3715. The warranty is for 12 years and is subject to the provisions set out in AS 3715, including maintenance and cleaning, as set out in Appendix C of the standard.

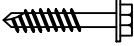


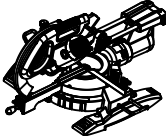
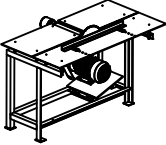
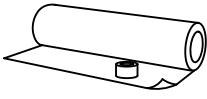
Please note that if a formal warranty certificate is required, this must be applied for at the time of order. This is because the standard requires DECO Australia to process specimens for testing and reference at the same time as the job is processed. A warranty application form can be obtained by contacting DECO Australia by phone or email.

Contact your DECO representative on (02) 9603 1888 for more information.

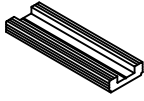
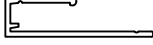
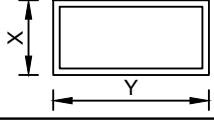
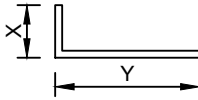
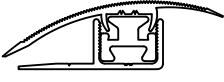
Intellectual Property

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DecoFloor Suggested Installation Tools & Products

	CLIPFIX CONCRETE SCREWS 5 x 32MM (Galvanised or stainless steel) Supplied by Installer or DECO		SEALANT/ADHESIVE DECO recommends the use of high-quality sealants and adhesives. Supplied by Installer
	IMPACT DRIVER A high-quality Impact Driver with an appropriate driver bit is recommended for fixing all extrusions to the building structure.		MITRE SAW A high-quality Mitre Saw equipped with an aluminium cutting blade is recommended for cutting the boards to length and trimming the board ends.
	TABLE SAW A high-quality Table Saw is recommended for ripping the final board to the correct dimension for finishing of the installation. (May or may not be required)		UNDERLAYMENT High quality underlayment is strongly recommended for installation. This provides stability, noise reduction and supports the locking system. Supplied by Installer

DecoFloor Accessories

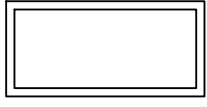
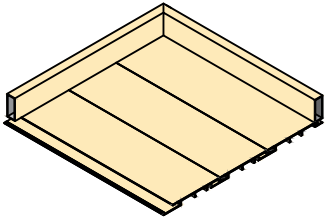
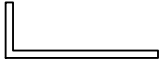
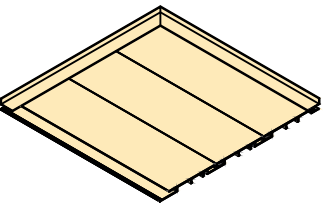
	DFJ - DecoFloor Joiner The DecoFloor Joiner will prevent deflection on the end joint between the floor boards due to live load occurrence.		DF03 - STARTER STRIP The Starter Strip is the base profile that helps level the first board to begin the installation, while providing a seamless finish.
	RECTANGULAR HOLLOW SECTION For use as Skirting, RHS can be supplied in various sizes and colour matched to the finish you require.		ANGLE For use as Skirting and Transitioning between areas. The Angles can be supplied in various sizes and colour matched to the finish you require.
	CARPET CONNECTOR (Available on Request) For use in transitioning between flooring and carpet. It contains three parts, Base, Joiner, and Ramp. DECO can colour match the ramp to your desired finish.		

Skirting and Transitioning

DECO can supply aluminium skirting and transition trims which they can be colour matched to the finish you require. However, a wide range of skirting and transitioning options are available in the flooring market, and many different options can be used with DecoFloor depending on the nature of your project. For more information please contact your DECO representative (02) 9603 1888.

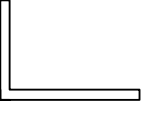
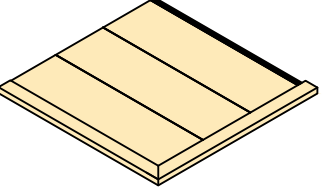
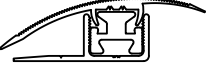
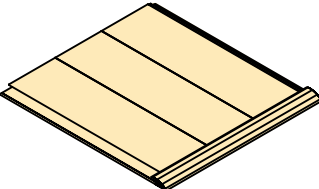
Skirting

DECO offers two options for skirting with the DecoFloor product: Rectangular Hollow Section and Angle Strip. However, as there are a wide range of skirting options available in the flooring market, these are only two of many skirting options compatible with DecoFloor.

			
RHS		Angle	

Transitioning

DECO offers two options for transitioning to other surfaces with the DecoFloor product, including an Angle Strip for general transitions and a Carpet Connector for carpet transitions. However, as there are a wide range of transitioning options available in the flooring market, these are only two of many transitioning options compatible with DecoFloor.

			
Angle		Carpet Connector	

Preparation

Installation Surface

When installing DecoFloor, care should be taken to adequately prepare the installation surface, to ensure it is fit for its intended purpose. Before installing the boards, care should be taken and the surface should be levelled to remove any depressions in the floor. DecoFloor is intended to be installed on a subfloor that is solid, hard, flat, clean, dry and structurally stable, such as a concrete base or wood substrates, and preparations including laying high quality underlay should be undertaken prior to installation.

Fixing Details

When fixing DecoFloor products, it is recommended that they are screw fixed at a maximum of 1200mm centres when applied to a solid floor base, and roughly 20-50mm before the end of each board.

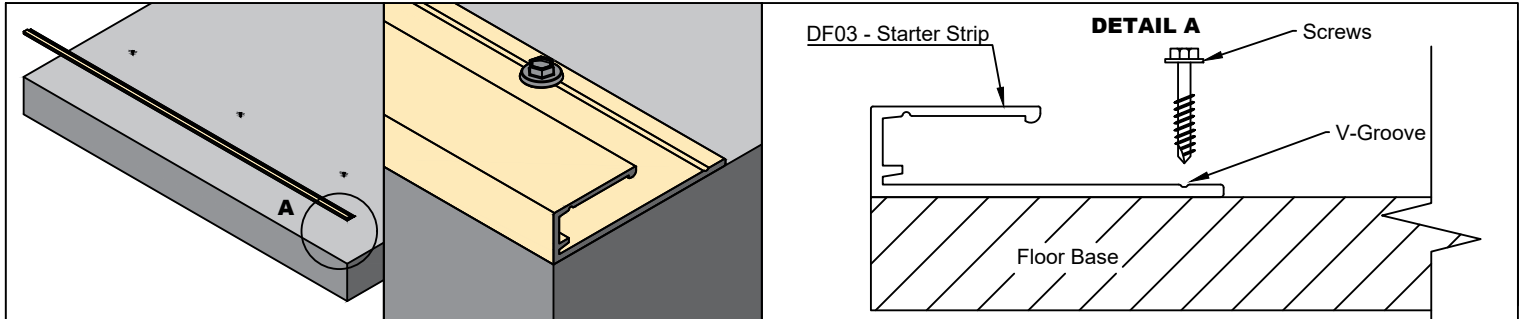
Processing of DecoFloor

WARNING - When processing DecoFloor, care should be taken and appropriate Personal Protective Equipment should be worn at all times. Failure to do so risks potential serious injury, disablement or death. When processing DecoFloor, care should be taken to ensure that the workspace is clean and free from dust, sawdust, metal fines and/or shavings. Processing of the floor boards in areas with excessive dust, sawdust, metal fines and/or shavings risks potential damage to the finished surface.

STEP 1 - Installing the Starter Strip

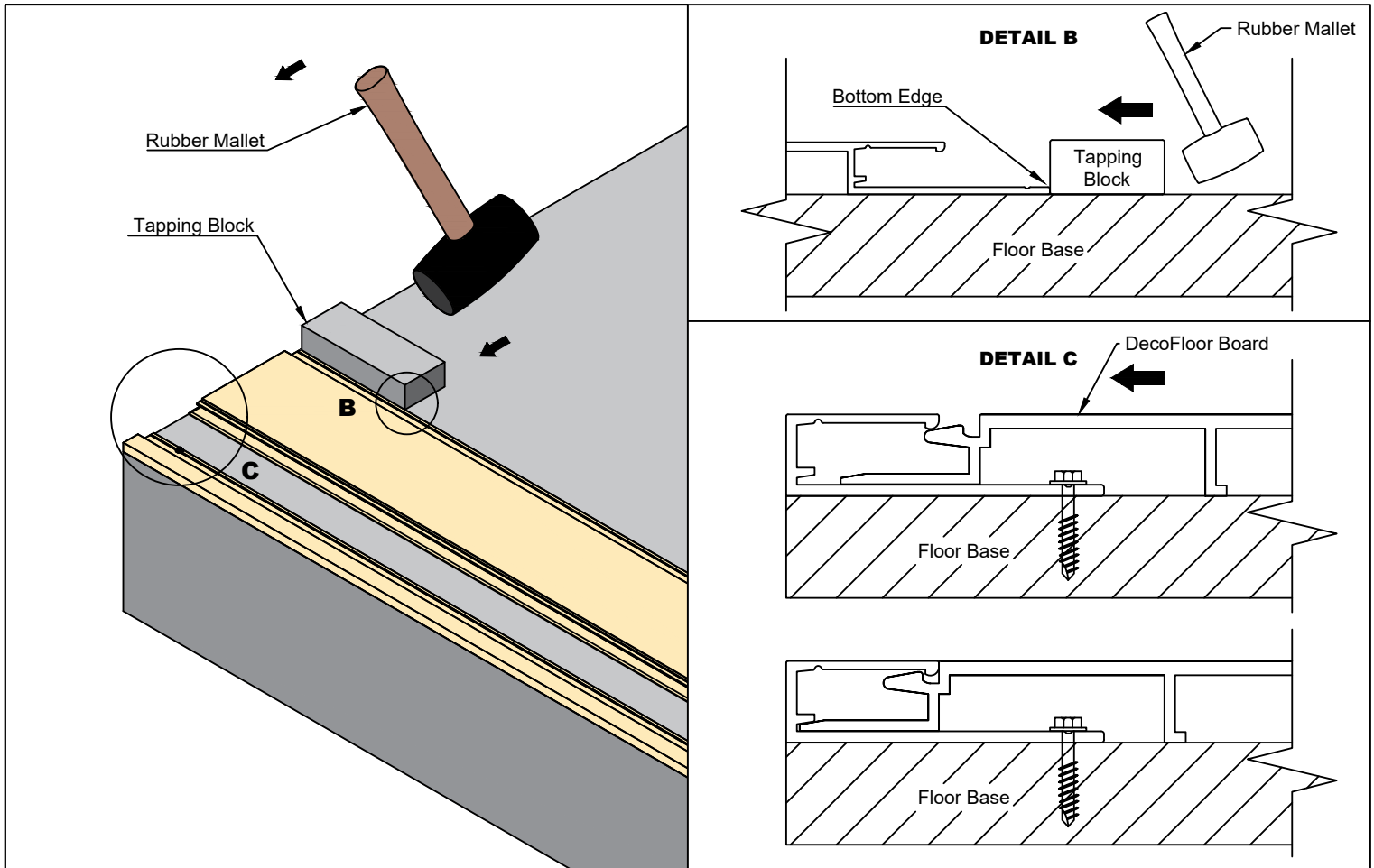
DecoFloor Starter Strip is the base profile required to begin the installation.

Use the v-groove as a guide and screw fix the starter strip into the floor base (see DETAIL A). **Please Note:** Pre-drilling is recommended throughout the installation.



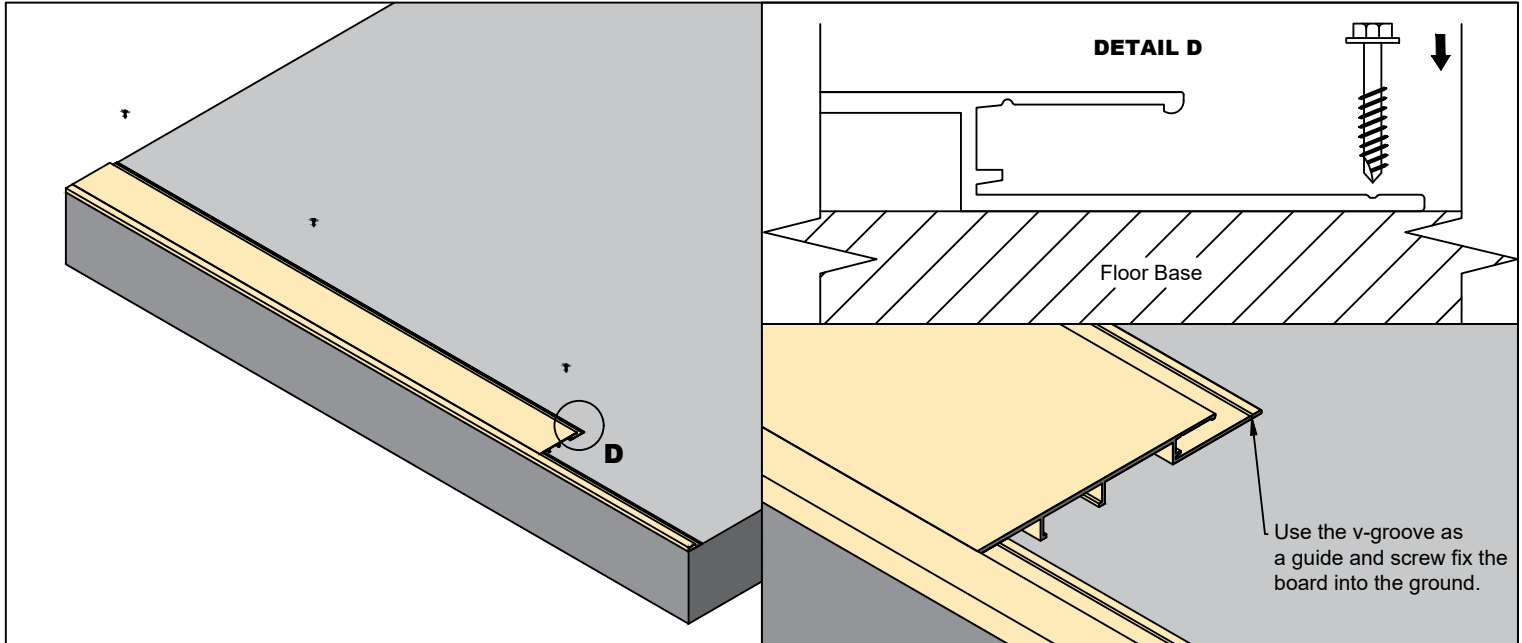
STEP 2A - Installing the First Board

The first row of DecoFloor boards can be "snapped" together with the starter strip (see DETAIL C) **Please Note:** Light tapping with a rubber mallet on a tapping block is recommended throughout the installation. Ensure the block is positioned against the bottom edge of the floor board (see DETAIL B). Tapping block protects the edge of the boards from the impact of the mallet.



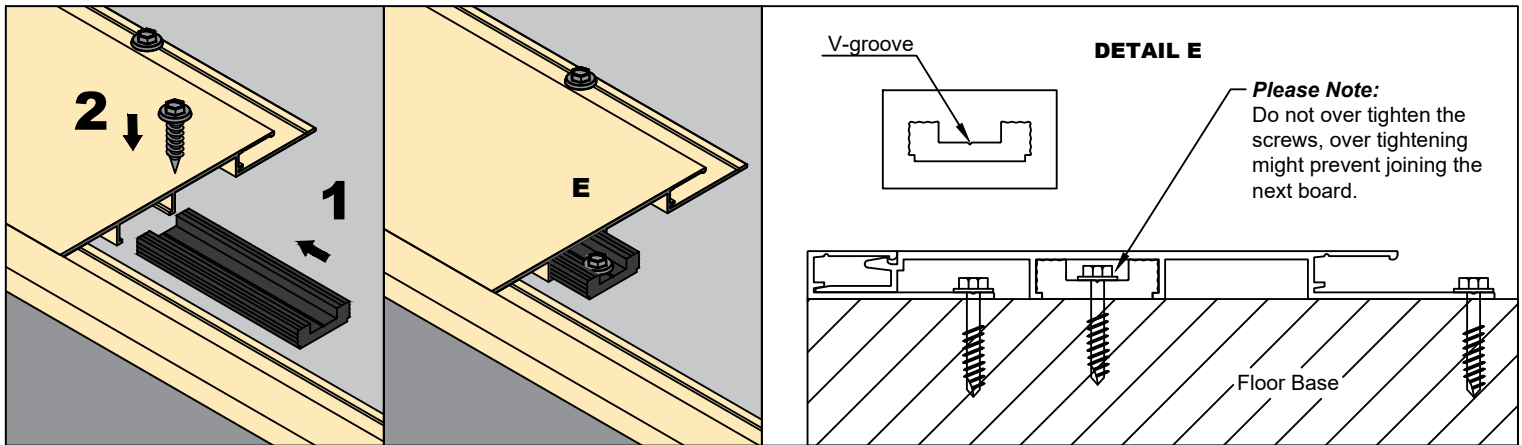
STEP 2B - Fixing the Board

Use the v-groove at the back of the board as a guide and screw fix the board into the floor base per required (see DETAIL D).



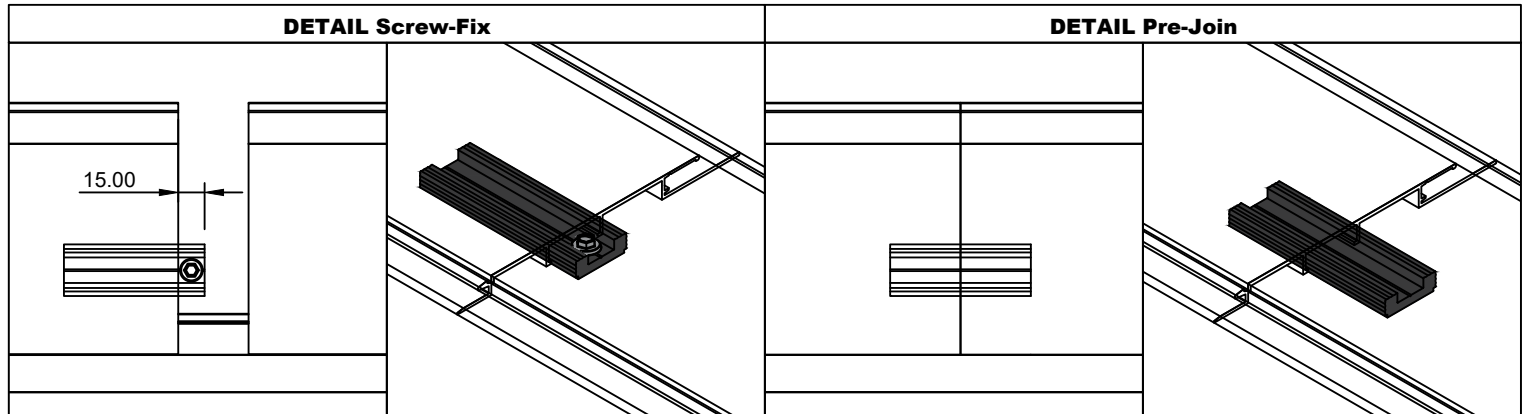
STEP 3 - Installing the DecoFloor Joiner

DecoFloor Joiner is strongly recommended for every end joint between boards. The joiner helps to prevent deflection of floor boards occurring as a result of live loads. Slide the joiner into the floor board and use the v-groove of the joiner as a guide to fix the joiner into the floor base (see DETAIL E).



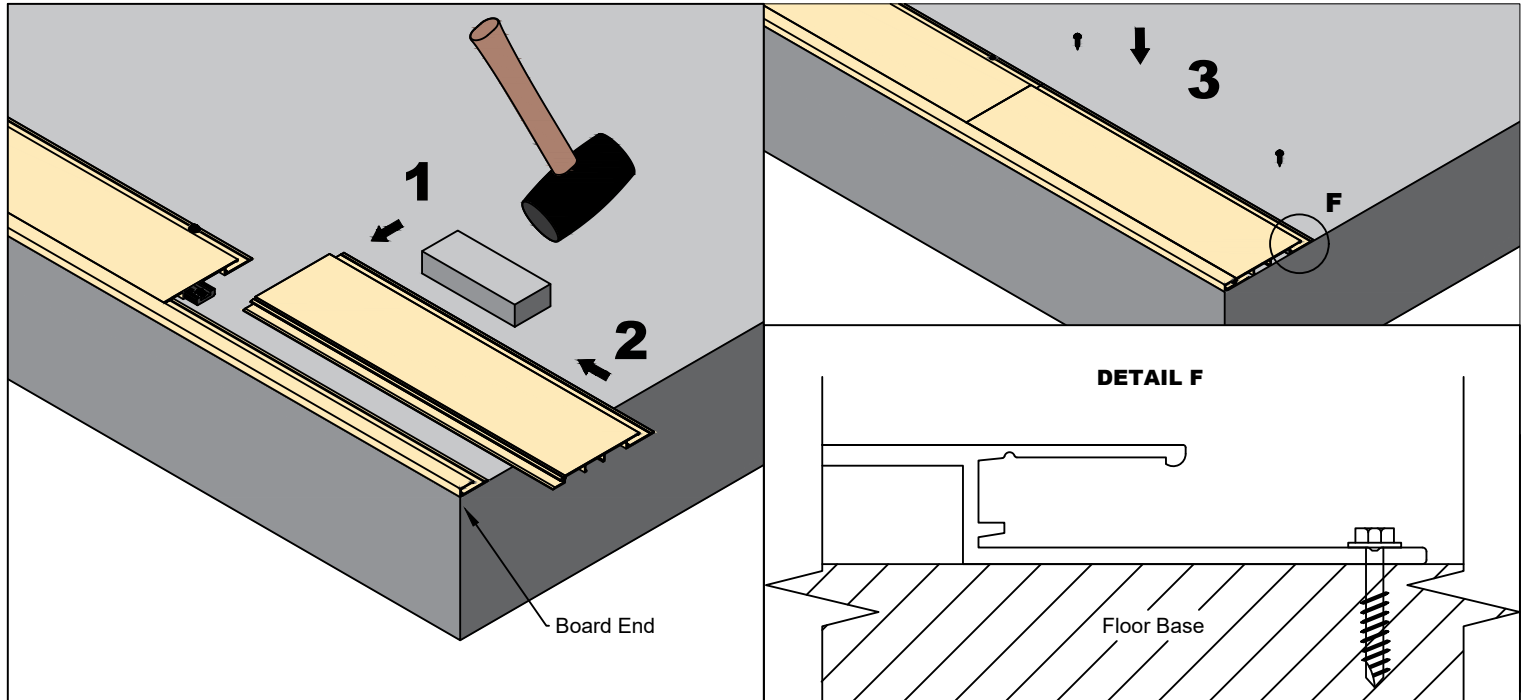
It is recommended to screw fix the joiner into the floor base whenever possible (see DETAIL Screw-Fix), if the room space does not allow for fixing the joiner into the floor base, it is still recommended to pre-join the row of DecoFloor boards with the DecoFloor Joiner before snapping into the front row (see DETAIL Pre-Join).

Please Note: A minimum of 15mm exposed joiner is required if screw fixing the joiner to the floor base.



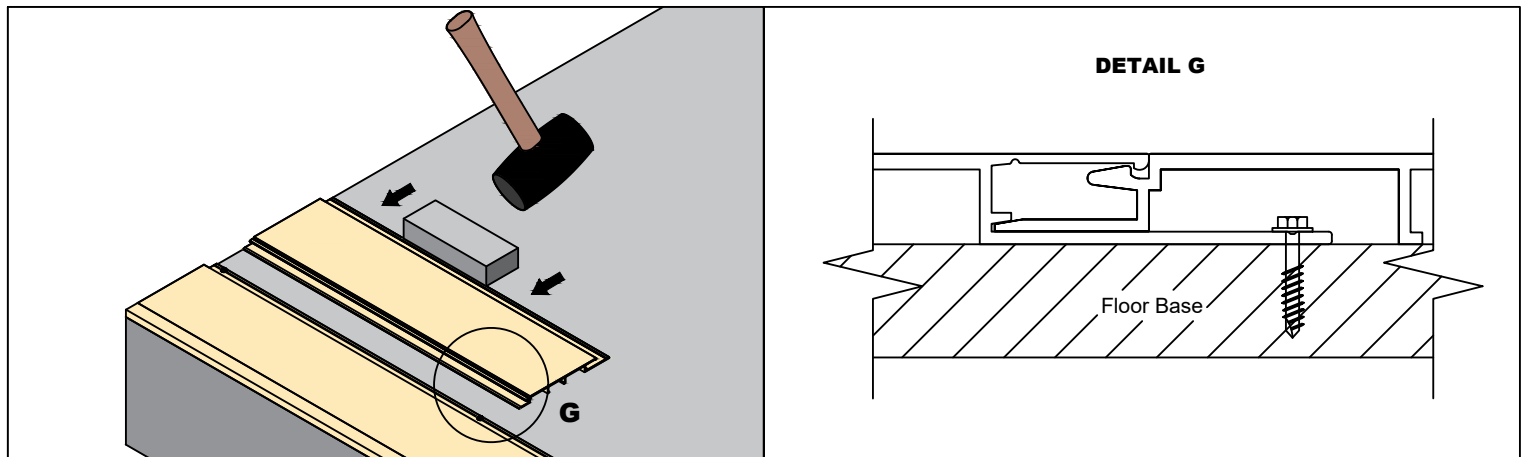
STEP 4 - Installing the Second Board on First Row

The second DecoFloor board of the first row can be "snapped" together with the DecoFloor starter strip (see DETAIL C at Page 3). Tap the edge of the board with the rubber mallet and tapping block until the floor boards are snapped together. (see DETAIL D at Page 4).



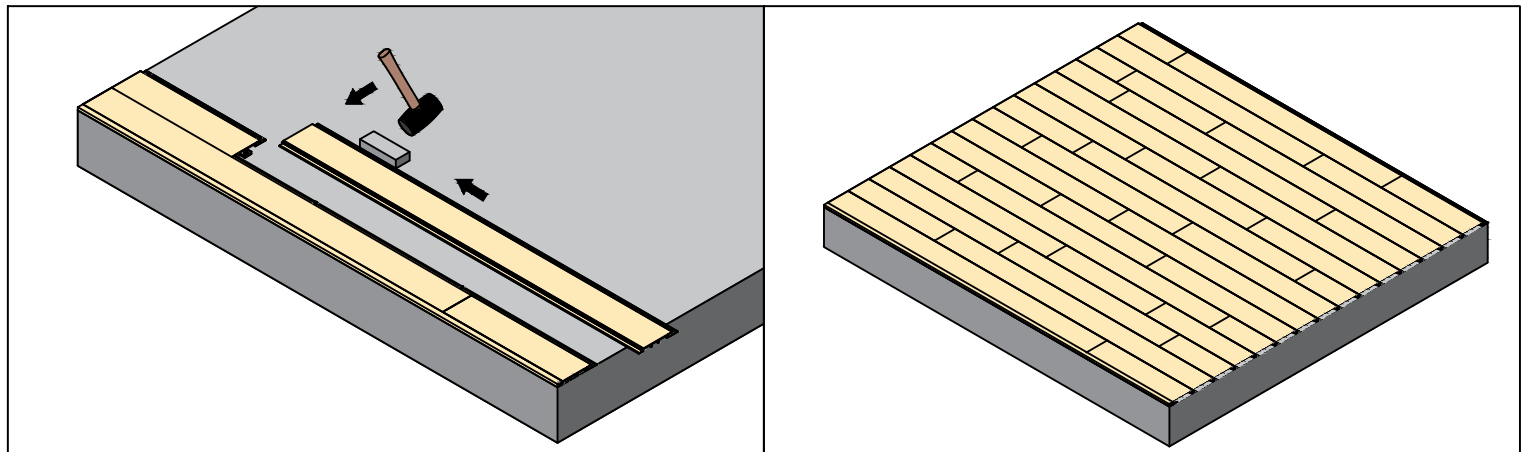
STEP 5 - Installing the Second Row

The second row of DecoFloor boards can be "snapped" together with the first row of DecoFloor boards (see DETAIL G), and the back of the boards can be screw fixed (see DETAIL F).



STEP 6 - Installing additional Floor Board, Joiner and Fix as Required

Repeat steps 3-5 until the desired flooring area is covered by DecoFloor boards. **Please Note:** Ensure you keep a staggered design.



INSTALLATION GUIDE

Transition Trims

Adhesive Fixing

When applying adhesive fixing, it is recommended high quality adhesives are used across the installation.

Processing of Transition Trims

WARNING - When processing aluminium transition trims, care should be taken and appropriate Personal Protective Equipment should be worn at all times. Failure to do so risks potential serious injury, disablement or death. It is important to ensure that the workspace is clean and free from dust, sawdust, metal fines and/or shavings. Processing aluminium Transition Trims in areas with excessive dust, sawdust, metal fines and/or shavings risks potential damage to the finished surface.

Transition Trims Installation Recommendation

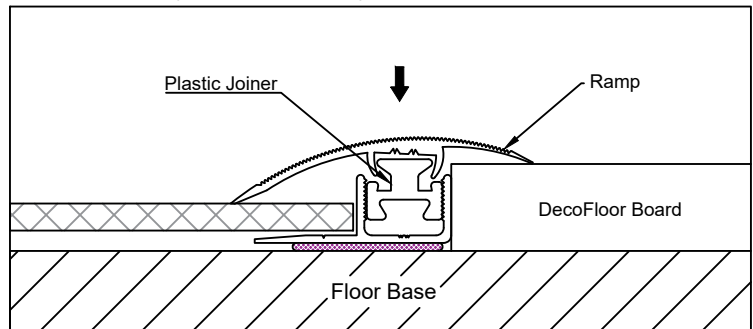
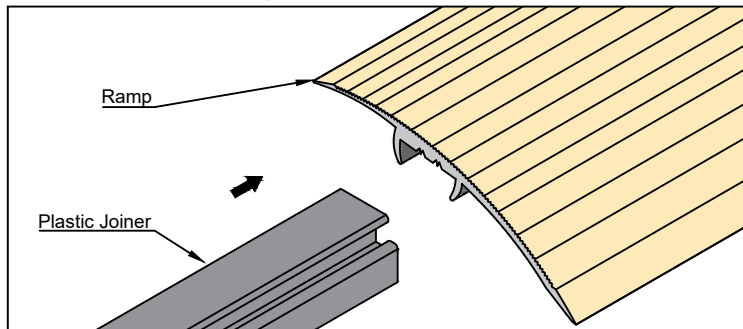
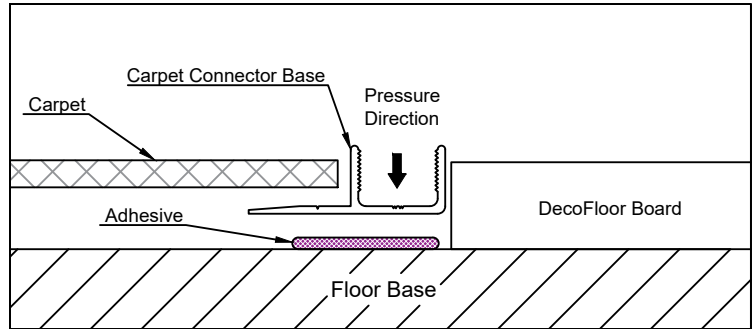
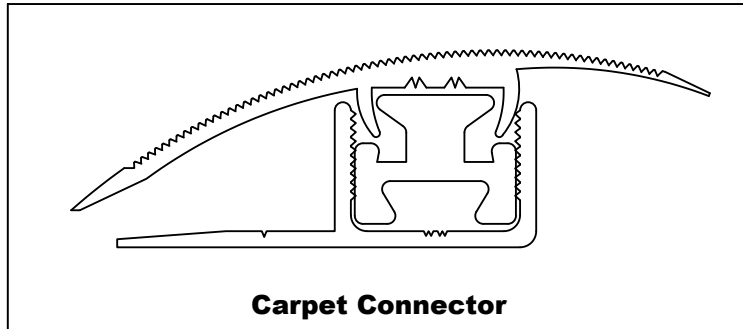
The following guide is a recommendation for installing the Transition Trims for DecoFloor. All the Transition Trims require constant pressure in a specific direction for 24 hours to settle the adhesive if required. **Please Note:** Pressure direction depends on profiles and application.

Carpet Connector - Transition from Flooring to Carpet

A Carpet Connector can be used to connect your DecoFloor to an adjacent carpeted area and hide any transition steps.

STEP 1 - First, install the Carpet Connector Base in the desired location by applying adhesive underneath. Ensure adhesive is set before moving on to STEP 2.

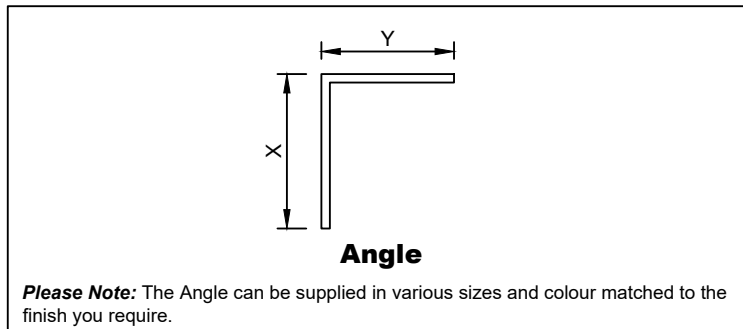
Please Note: Make sure the Carpet Connector Base is tucked under the edge of the carpet.



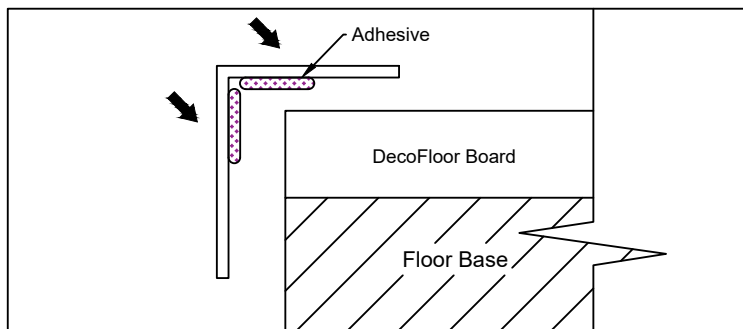
Angle - End Profile Transition

The Angle can be used in general transition from DecoFloor to a range of different areas, as well as covering the corner of exposed end of a step-down.

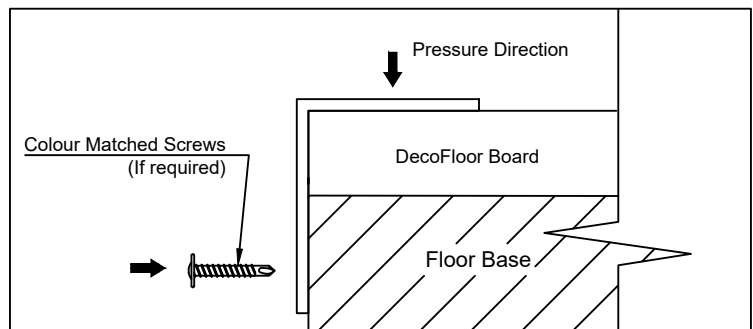
Apply adhesive in the desired location, then apply the Angle and apply constant pressure until the adhesive is set. A screw can also be applied to the front face for added security if required.



STEP 1



STEP 2



INSTALLATION GUIDE

Skirting Board

Adhesive Fixing

When applying adhesive fixing, it is recommended high quality adhesives are used across the installation.

Processing of Skirting Board

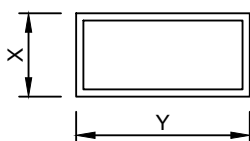
WARNING - When processing aluminium skirting boards, care should be taken and appropriate Personal Protective Equipment should be worn at all times. Failure to do so risks potential serious injury, disablement or death. It is important to ensure that the workspace is clean and free from dust, sawdust, metal fines and/or shavings. Processing aluminium skirting board in areas with excessive dust, sawdust, metal fines and/or shavings risks potential damage to the finished surface.

Skirting Installation Recommendation

The following guide is a recommendation for installing the suggested Skirting Board for DecoFloor. Skirting is used to cover up any expansion gaps around the room perimeter. The skirting system requires constant pressure on a specific direction for 24 hours to settle the adhesive if required.

Rectangular Hollow Section - Cover Expansion Gaps around Room Perimeter

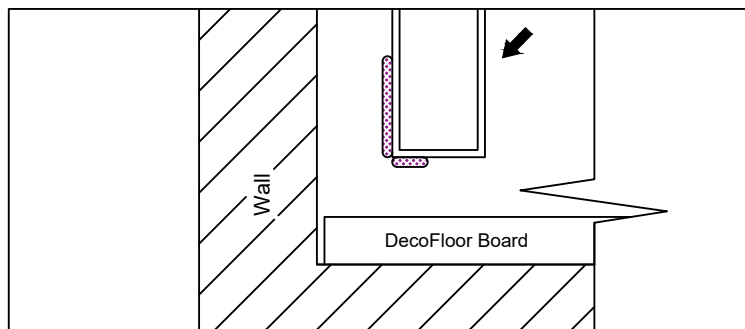
RHS can be used to cover expansion gaps that are left around the room perimeter. Apply adhesive to the wall and DecoFloor board, then apply the RHS with constant pressure toward the wall and downward until the adhesive is set. Masking tape can be used to hold the section in place if required.



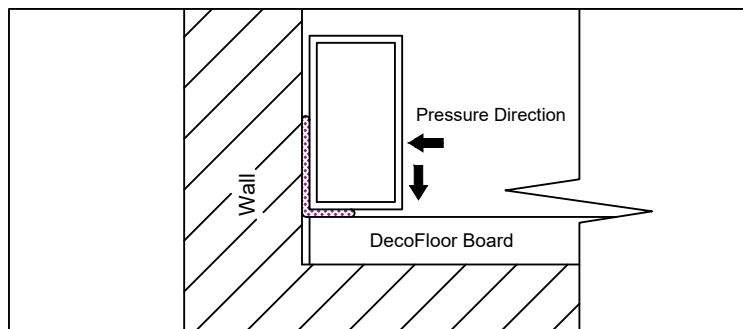
RHS

Please Note: The RHS can be supplied in various sizes and colour matched to the finish you require.

STEP 1

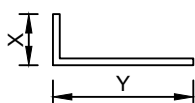


STEP 2



Angle - Cover Expansion Gaps around Room Perimeter

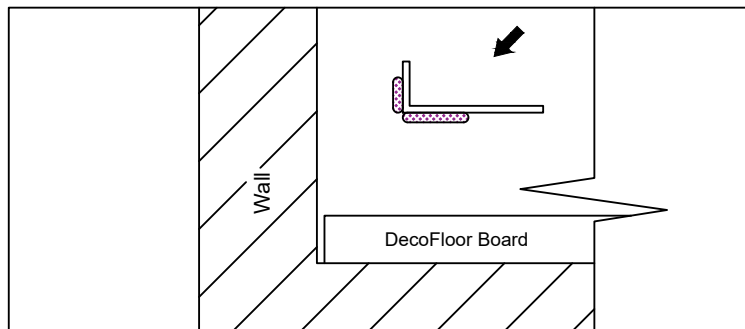
Angles are another way to cover expansion gaps that are left around the room perimeter. Apply adhesive under the angle, then apply the angle with constant pressure toward the wall and downward until adhesive is set. Masking tape can be used to hold the section in place if required.



Angle

Please Note: The Angle can be supplied in various sizes and colour matched to the finish you require.

STEP 1



STEP 2

