

innowood
PLUS-DEK®
SUSTAINABLE TIMBER ALTERNATIVE

THE FUTURE OF COMPOSITE DECKING

PLUS-DEK® composite decking is available in two distinct ranges: Plus-Dek Embossed, and Plus-Dek Weathered.

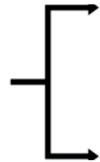
With engineering at the forefront, each range has the same benefits and colour palette – however for aesthetic purposes we offer two different grain finishes.

The original PLUS-DEK range features an embossed grain finish. A PVC board suited for minimalist who want incredible timber tones, with minimal upkeep.

The PLUS-DEK Weathered range has a deeper depth within the grain, providing a weathered look. This allows it to replicate a natural timber grain, perfect for those who want the real thing without the work.

innowood PLUS-DEK®

SUSTAINABLE TIMBER ALTERNATIVE



GET THE LUXURY LOOK WITHOUT THE WORK

Dual-sided PVC boards with rich, lasting colour with no ongoing maintenance.



P5 SLIP-RESISTANT SURFACE

Both ranges achieve the industry's highest slip rating for safety and confidence underfoot.



AUSTRALIAN-DESIGNED AND CERTIFIED

Engineered to meet the nation's highest structural standards for safety, strength, and longevity.



GREENER BY DESIGN

Combines cutting-edge technology with sustainable practices for a smarter, greener choice.



NEXT-GENERATION TIMBER TONES

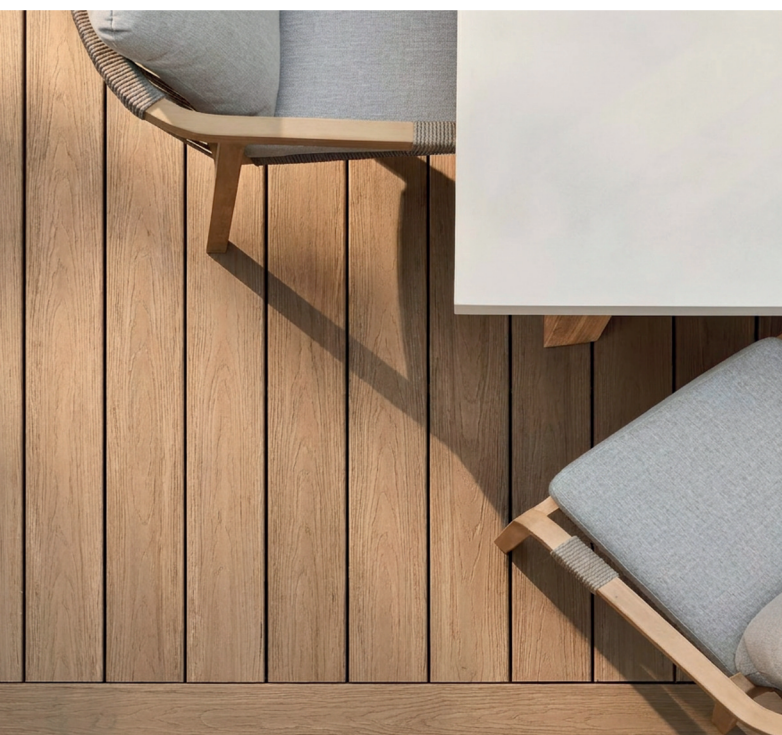
Refined, timeless colours, designed to bring luxury to modern outdoor living.



30-YEAR WARRANTY

Long-term residential protection you can trust, backed by a guarantee for lasting performance.

*15-Year Commercial Warranty



innowood PLUS-DEK®

SUSTAINABLE TIMBER ALTERNATIVE

Classic timber aesthetics meet modern composite performance with the PLUS-DEK range. Featuring a refined timber-look finish, this range delivers the warmth and texture of natural wood while offering the benefits of low maintenance, superior durability, and long-term performance. Designed to complement both residential and commercial projects, it also features a P5 slip rating and a 30-year residential warranty for added confidence. Available in 6 contemporary colours and both 5.4m and 6.1m board lengths for greater design flexibility.



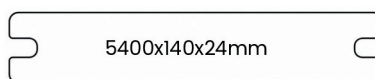
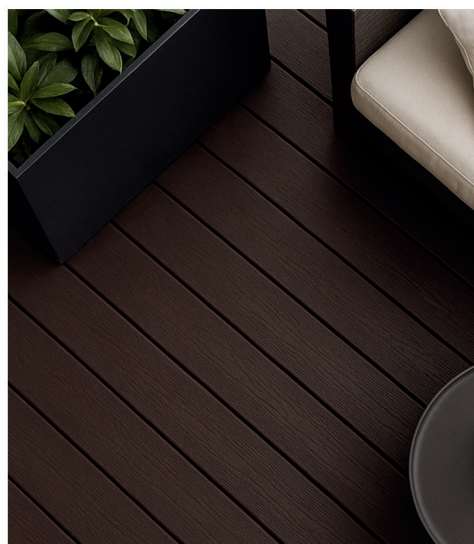
Embossed Grain

Elevate your outdoor spaces with the timeless appeal of natural timber through PLUS-DEK's original embossed grain range. Engineered to combine the authentic look and texture of natural timber appearance with the convenience of low maintenance composite decking, this collection delivers all the beauty of real wood without ongoing upkeep.

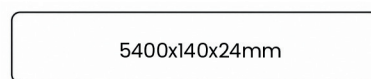
Designed to compliment both contemporary homes and large scale architectural projects, the embossed grain finish brings warmth, sophistication and versatility to any outdoor setting. Its refined timber-inspired texture enhances a wide range of architectural styles, creating outdoor areas that are both functional and visually striking.

Built specifically for harsh Australian conditions, PLUS-DEK Embossed Grain offers exceptional durability fade resistance and long-term performance with minimal maintenance required. Featuring a P5 slip rating for enhanced safety and back by an impressive 30 year residential warranty*, this premium decking solution delivers lasting confidence for home owners, architects and builders alike.

*15 Year commercial warranty



Grooved Board
Side fixing
Clips Required
Seamless, screwless finish



Square Edge
Top fixing
Screws / Plugs Required
Perfect for boarders, edges, and stairs.

STARBORN®
Colour Match Screws





innowood
PLUS-DEK®
SUSTAINABLE TIMBER ALTERNATIVE



COASTAL SAND



SALTED ASH



DESERT OAK



TOASTED MAPLE



SMOKED WALNUT



SEASIDE PEBBLE

innowood PLUS-DEK® SUSTAINABLE TIMBER ALTERNATIVE WEATHERED

Inspired by aged coastal timber, the weathered range offers a relaxed sophistication and authentic character to outdoor spaces. Its distinctive weathered finish creates depth and texture, making it ideal for both residential and commercial applications. Combining low maintenance convenience with exceptional durability, the range also features a P5 Slip rating and a 30-year warranty, making it perfectly suited to modern Australian outdoor living. Available in 6 carefully selected modern colours and 5.4m long lengths.



Weathered Grain

Inspired by the natural beauty of aged coastal timbers, the PLUS-DEK Weathered Grain collection has been designed to suit the relaxed yet refined nature of modern Australian living. Featuring a distinctive weathered finish; this range adds depth, texture and authentic character to outdoor spaces, making it an ideal choice for entertaining areas, pool settings, architectural and commercial applications.

Created to deliver a softer and more natural aesthetic, the Weathered Grain finish pairs seamlessly with coastal, Hamptons, industrial, and modern architectural styles. It captures the charm and character of weathered timbers while eliminating the need for ongoing staining, sanding, or sealing – offering the perfect balance between style and practicality.

Manufactured to withstand Australia's demanding climate, PLUS-DEK Weathered Grain is highly durable, low maintenance, and built for long-term outdoor performance. With a P5 slip rating for superior safety in wet and high-traffic environments, along with a 30-year residential warranty*, this range provides peace of mind without compromising on design.

*15 Year commercial warranty

5400x140x24mm

Grooved Board

Side fixing
Clips Required
Seamless, screwless finish

5400x140x24mm

Square Edge

Top fixing
Screws / Plugs Required
Perfect for boarders, edges, and stairs.



STARBORN®
Colour Match Screws



innowood
PLUS-DEK[®]
SUSTAINABLE TIMBER ALTERNATIVE
WEATHERED



DUNE



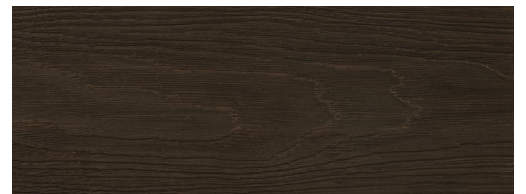
SOFT SAND



TOFFEE



AGED OAK



ROASTED



COASTAL STONE

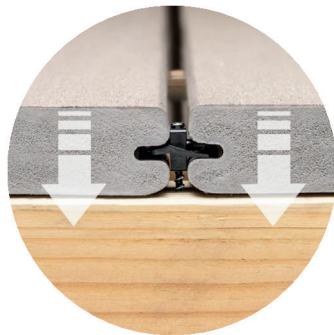


CAMO®

The Better Way to Build a Deck

CAMO Fasteners deliver high-performance, hidden fastening systems engineered to make decking installs faster, cleaner, and more durable. Their solutions are designed around installer needs — minimising visible hardware, reducing labour, and maximising holding strength. Backed by robust warranties and compatibility with leading grooved decking brands.

CAMO is the trusted choice for professionals and serious DIYers who demand quality, speed, and a premium final appearance. Every component—from clips to tools—is part of a system built to save time, reduce frustration, and produce deck installations that look sharp and last decades.



CAMO WEDGECLIP™ Clips

WEDGECLIP™ is CAMO's versatile hidden fastener for grooved decking over **wood joists**—offering pre-assembled, one-pass design and outstanding strength and finish. Perfect for any deck pattern (90°, diagonal, herringbone), it combines efficiency with premium aesthetic finish.

CAMO WEDGEMETAL™ Clips

WEDGEMETAL™ Clips bring the hidden fastening advantage to **metal joist** substructures. With the same CAMO performance, these clips are engineered for 14-18 gauge steel or aluminium framing, making them ideal for steel-framed decks or commercial applications where metal is used beneath.

For all grooved deck boards in any pattern

CAMO
WEDGECLIP™
Hidden Deck Clips



Decks with wood substructure

CAMO
WEDGEMETAL™
Hidden Deck Clips



Decks with metal substructure

CAMO is the recommended system for Innowood Plus-Dek® Installation

CAMO®

The Better Way to Build a Deck



ClipDRIVE™ is a stand-up fastening tool designed to work with CAMO Universal Deck Clips. It makes installing grooved boards faster and easier by allowing installers to fasten from a standing position, improving ergonomics and job-site speed while reducing fatigue.

LEVER is CAMO's board bending, straightening and locking tool. It locks rows of boards and clips in place with consistent spacing and helps manage warped or uneven boards during installation — making the install smoother and final outcome superior.



BUILD A BETTER DECK UP TO 5X FASTER.



Step 1

Position the Wedge Clip
Place a CAMO Wedge Clip securely into the groove of the first decking board.



Step 2

Slide the Next Board
Insert the next board by simply sliding it into the clip, keeping boards perfectly aligned.



Step 3

Lock with the CAMO Lever
Use the CAMO Lever to straighten and hold boards firmly in place, ensuring consistent spacing.



Step 4

Fasten with the ClipDrive
Finish by fastening from a standing position with the CAMO ClipDrive tool for speed and comfort.

Every great deck starts with the right foundation — and with CAMO, that means the Starter Clip. Designed to secure your very first board, the Starter Clip locks everything into place, ensuring your decking line runs straight and true from the beginning.





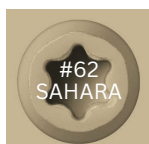
Starborn Colour Chart

innowood
PLUS-DEK[®]
SUSTAINABLE TIMBER ALTERNATIVE

innowood
PLUS-DEK[®]
SUSTAINABLE TIMBER ALTERNATIVE
WEATHERED



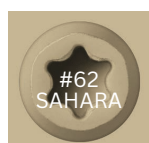
COASTAL SAND



DUNE



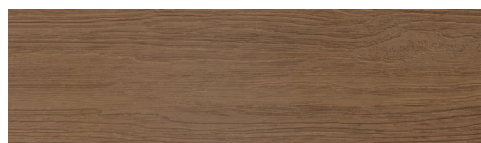
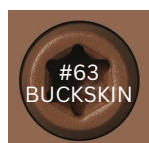
SALTED ASH



SOFT SAND



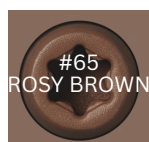
DESERT OAK



TOFFEE



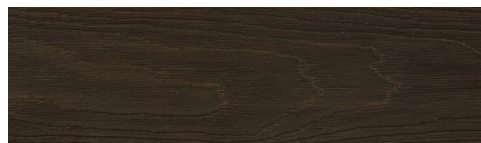
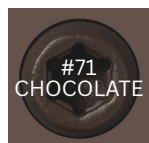
TOASTED MAPLE



AGED OAK



SMOKED WALNUT



ROASTED



SEASIDE PEBBLE



COASTAL STONE



Starborn are recommended when top fixing is required.
Colour Match Screws & Pro Plugs for Innwood Plus-Dek[®] Installation.

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Please note that:

The Product is subject to natural variation* in finish as part of the manufacturing process. The purchaser or their installer/builder is responsible for inspecting, prior to installation, the colour, finish and size of the product, identifying whether the product has any other defect or manufacturing fault, and for ensuring the product meets surface appearance and product specification requirements. Subject to the terms of our warranty, **INNOWOOD PLUS-DEK**[®] is not liable for claims made after the installation of the product that relate to surface appearance and product specification.

* **INNOWOOD PLUS-DEK**[®] product is made predominantly from timber waste, colour will vary up to +/-20% according to the timber used in its manufacture.

It is the responsibility of the specifier or other party to ensure that the information in this manual is appropriate for the intended application and further design detailing may have to be made for specific applications that fall outside the scope of the manual.

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Read this before start

- Acclimatise the boards on site prior to installation.
- Job site storage - decking must be stored on a flat level surface and use proper supports with maximum 600mm centres. Avoid double stack.
- Make sure you have the latest installation manual by visiting www.innowood.com.
- Cutting and drilling metal should not be done on **PLUS-DEK**[®] boards, as metal shaving may leave scratch marks and embed themselves into the boards.
- Colour variation is acceptable as the **PLUS-DEK**[®] is a timber base product, it is good practice to mix darker and lighter boards to give that natural timber look.
- Any debris accumulated on the **PLUS-DEK**[®] boards during installation must be removed immediately using a blower or vacuum;
- **PLUS-DEK**[®] boards have two different colours; one of each side. Make sure you are installing the correct colour.
- Prior to installation, check to make sure all joists are level, structurally sound and there are no nails or screws protruding.
- Make sure joist spans are set out correctly, residential applications maximum 400mm, or commercial applications maximum 350mm.
- Avoid concrete, cement or any masonry product getting in contact with **PLUS-DEK**[®], if particle gets in contact with **PLUS-DEK**[®] it will cause reaction on the surface and will be difficult to remove.

Safety

When working on any construction project, you should wear protective clothing and safety equipment. It is recommended to wear safety glasses, protective gloves, hearing protection, protective footwear, and a dust mask, particularly when cutting in confined spaces.

Ensuring the working area is safe and free of potential hazards. When using power tools ensure they are in safe working order and refer to the tool manufacturer's recommendations and use safe operating procedures.



Site Storage & Product Handling

- **PLUS-DEK®** boards are a finished product and should not be dumped or dropped during loading or unloading. Always handle with care.
- Store **PLUS-DEK®** boards under cover and protect them from the elements, including direct sunlight and rain, until they are ready for installation. Remove all plastic wrapping, including shrink wrap, before storage. Store the boards on a dry, flat level surface, and use proper supports with maximum 600mm centres.
- When removing boards from the pack, do not slide them against each other. Instead, lift each board and set it down carefully. For better support, carry boards on their edge.
- Take care to avoid scratches, nicks, or other damage when handling **PLUS-DEK®** boards.

Care and Maintenance

- Always have protective coverings for furniture feet, and avoid dragging heavy objects over the deck.
- Dirt and debris should be removed as part of general cleaning. A hose or light wash is recommended to prevent build-up over time.
- Remove any food spills immediately and clean with warm soapy water using a soft bristle brush to remove spills from the embossed grain.
- Avoid concrete, cement or any masonry product getting in contact with **PLUS-DEK®**, if particle gets in contact with **PLUS-DEK®** it will cause a reaction on the surface and will be difficult to remove.
- Avoid rubber backed mats (such as welcome mats, tarps, ect.) for extensive periods, as these materials may contain substances that can discolour the deck surface.

Disclaimer

- The provided information, drawings, dimensions and specifications are offered in good faith as accurate but without guarantee. The information contained herein may not contain complete details.
- Compliance with this document does not guarantee immunity from breach of any statutory requirements, building codes, or relevant standards.
- The final responsibility for the correct design and specification rests with the designer and, for its satisfactory execution, with the contractor.
- Most data within this document has been compiled with research, case histories, experience, and testing. Small changes in the environment can produce significant differences in performance. Therefore, the use of a material and method may need to be modified to its intended end use and environment.
- Legislation may differ between jurisdictions. Before installing any INNOWOOD products, ensure that the application is rational and complies with the local regulations and building codes.

Thermal Expansion & Contraction

INNOWOOD PLUS-DEK® boards will expand and contract with changes in temperature; Unlike timber, which fluctuates in width due to variations in moisture content, **INNOWOOD PLUS-DEK®** movement occurs primarily in length ONLY as a result of temperature changes. This may lead to visible gaps between board ends. These gaps are normal and should be expected to some degree.

To help minimise the effects of expansion and contraction, we recommend using the face-fixing system (see page 12). Alternatively, the use of breaker boards offers a more aesthetically pleasing finish.

INNOWOOD PLUS-DEK® boards that have been exposed to direct sunlight prior to installation will have expanded more than if left in the shade. Therefore, it is important to maintain an average consistent temperature for all boards when acclimatising the boards to the local temperature.

To calculate the thermal expansion of composite decking, below equation can be used:

$$\Delta L = L_0 \alpha \Delta T$$

Where:

- ΔL is the change in length
- L_0 is the original length
- α is the coefficient of thermal expansion
- ΔT is the change in temperature

Sample calculation:

- Original Length (L): 5m
- Temperature Change (ΔT): from 20°C to 30°C
- Coefficient of thermal expansion (α) 0.05mm/m/°C

$$\begin{aligned}\Delta L &= L_0 \alpha \Delta T \\ \Delta L &= (5)(0.05)(10) \\ \Delta L &= 2.5\text{mm}\end{aligned}$$

Alternatively use this expansion table below to find the expected gap size left between board ends when installing **INNOWOOD PLUS-DEK®**. Multiply the expansion per metre by the length of your board in metres to get the exact thermal expansion.

Expansion per Metre of Board Change in Temperature [Expansion size (mm)/m/°C]												
Change in Temperature(°C)	5	10	15	20	25	30	35	40	45	50	55	60
Expansion per metre (mm)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3

Note: Special consideration should be taken when working with dark colours as they will experience larger temperature swings during normal use. To help control end-to-end spacing, dark colour decking should be kept at ambient temperature and shaded from direct sun prior to cutting and immediate securing.

Ventilation

INNOWOOD PLUS-DEK® boards must not be installed directly on a flat surface. A sub-structure is required to ensure proper air circulation beneath the decking system, and prevent excessive water and moisture build-up. The min. ground clearance is 50mm.

Please Bear in Mind That:

1. Where **INNOWOOD PLUS-DEK®** boards are to be face fixed, clearance holes must be pre-drilled before fixing.
2. The clearance hole to be drilled must be slightly greater than the outside screw thread diameter.
3. Screws must be minimum 15mm but maximum 25mm away from board edges. (unless noted otherwise)
4. **INNOWOOD PLUS-DEK®** must not be used for any structural purpose.

Framing Construction Requirements

Be sure to consult with a licensed builder, architect or engineer prior to designing or building your deck to ensure the regulations are met for criteria including: the stress grades, size and spans of posts, bearers and joists and other structural elements. All the following standards must be complied with:

- a. AS/NZS 1170.1:2002 – Structural Design Actions, Part 1: Permanent, Imposed and other Actions
 - b. AS/NZS 1170.2:2002 – Structural Design Actions, Part 2: Wind Actions
 - c. AS 1720.1:2010 – Timber Structures – Design Methods (if used in conjunction with timber)
 - d. AS/NZS 1684.2:2010 – Residential Timber-framed Construction
 - e. AS/NZS 4600:2005 Cold-formed Steel Structures
 - f. National Construction Code (NCC)
1. INNOWOOD PLUS-DEK® may be fixed to kiln dried timber joists or to a proprietary structural system.
 2. Joist spacing for **INNOWOOD PLUS-DEK®** is nominally set at 400mm centres max for residential and 350mm centres max for commercial applications in urban and non-cyclonic wind load areas. For higher wind-load areas reducing joists span may be required. All boards must span across a minimum of 3 joists.
 3. For laying boards 45° to the joist, reduce the joist centres to 280mm max. for residential and 240mm max. for commercial. According to trigonometry, the joist centre should be adjusted based on the change in angles.
 4. Alternatively, turn the joists 90° to the board direction, as this reduces material waste and improves time efficiency. A minimum of 3 joists is required for any cut boards if you need to cut the decking board along its length.
 5. As with all decking products the adequacy of a proposed installation should always be checked by a qualified engineer.
 6. Joists must have a face not less than 44mm for timber and 38 mm for steel.

Timber Framing

The joints between posts, bearers and joists need to be able to transfer load efficiently through the structure, refer to AS1684 for design of these elements.

It is important to use adequately kiln dried timber to minimise shrinkage and associated building movement which may damage the decking structure.

Aluminium Framing

When aluminium framing is specified, relevant guidance from industry professionals should be followed.

Screws

- ① Screws must comply with AS 3566 Self Drilling Screws for Building and Construction Industries.
- ② Screws must have a minimum class 3 corrosion resistance, suitable for external applications in mild, moderate industrial and marine environments and class 4 or stainless steel for severe environments.
- ③ Screws with class 1 or 2 corrosion resistance may be used for internal use depending on the individual application.

Joist Spacing Design and Loading

The joist or batten spacing design for **INNOWOOD PLUS-DEK®** is nominally set at a maximum 400mm centres for residential applications and 350 centres for commercial applications. Below are the spacing guidelines based on the angle of installations:

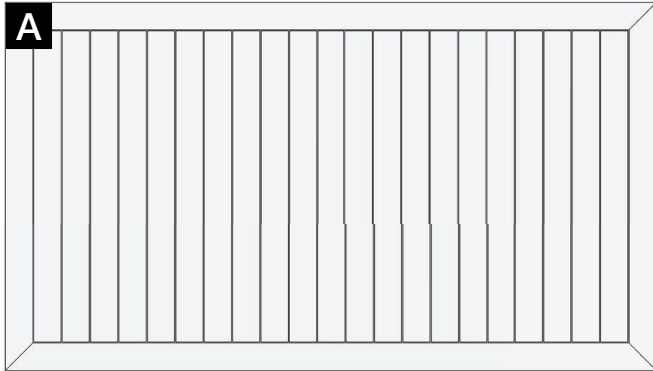
Degree of Angle	Spacing (max.)
90	Refer to the max. spacing for residential or commercial applications
60	50mm less than the spacing for 90°
45	100mm less than the spacing for 90°
30	1/2 the distance of the spacing for 90°

Uniformly Distributed Load (kPa)	Concentrated Load
3	1.8

The allowable long-term uniformly distributed load (kPa) is limited by the allowable bending strength of the **INNOWOOD PLUS-DEK®** and should not exceed the loads per support span, as show in the table above.

The allowable concentrated live load (kN) is limited by the deflection of the **INNOWOOD PLUS-DEK®** between the supporting joists and should not exceed the maximum loads.

Decking Pattern Design Options



Picture Frame Pattern



Breaker Board Pattern



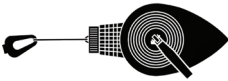
Linear Pattern (without butt joint)



Herringbone Pattern

TOOLS REQUIRED

INNOWOOD products can be worked with ordinary woodworking tools such as:

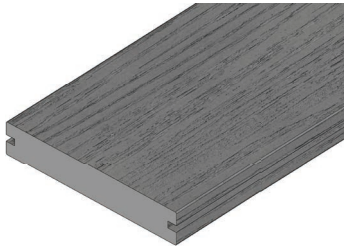
		
Circular Saw & Crosscut Mitre Saw	Cordless Drill	Adjustable Counter Sink Bit
		
Level	Chalk Line	Carpenters Square
		
Rubber Mallet	Tape Measure	Pencil

Note:

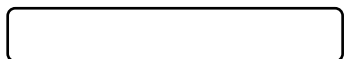
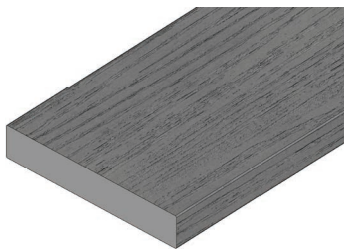
To ensure long- term performance, we recommend that a professional trade person carry out the installation. The installation MUST be carried out in accordance with these instructions including the use of all trims and accessories.

Decking, Fascia & Fasteners

Decking Profile Below:



Grooved-Edge Decking Board
(5400mmx140mm x 24mm)



Square-Edge (Fascia) Board
(5400mmx140mm x 24mm)

Facing Fixing System Below:



INNOWOOD Adjustable Countersink Drill Bit



Decking/Fascia Plug



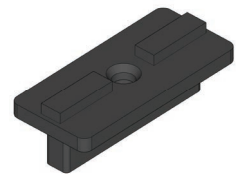
PLUS-DEK® Metal Sub-Frame
StarBorn® Grade 410 10g x 40mm Self-Drilling
Screw



PLUS-DEK® kiln dried Timber Sub-Frame
StarBorn® SS 316 10g x 65mm Type 17 Screw

INNOWOOD T-Clip Fixing System Below:

T-CLIPS



Hidden T-Clip Connector
(45mm x 20mm x 13.5mm)



PLUS-DEK® Concealed Hidden Fastener Screw
@Metal Sub-Frame
SS 304 4.2x45mm T15 Bit Self-Drilling Screw



PLUS-DEK® Concealed Hidden Fastener Screw
@kiln dried Timber Sub-Frame
SS 304 4.2x45mm T15 Bit Self-Tapping Screw

INNOWOOD PLUS-DEK® Touch Up Paint

*To complete your deck with a seamless finish, INNOWOOD PLUS-DEK® Touch Up Paint is available in all six colours to perfectly match each composite decking board. It's specifically designed for use on cut ends to help conceal exposed composite and maintain a consistent appearance across your deck.



Decking, Fascia & Fasteners

CAMO Preferred Clips System Below: (Available from Distributor)

Camo universal decking clip system Refer to **Camo Installation Guide** (<https://timberprices.com.au/product-category/camo-fasteners/>)

EDGE CLIPS



LEARN MORE ABOUT CAMO EDGE CLIPS



1



Place an EDGE Clip on the joist with the gusset in the groove. Clips stay in place until you're ready to fasten.

2



Place a clip at every joist along the length of the board.

3



Slide the next board up against the clips, and repeat until you have multiple rows of boards and clips.

4



Hold the boards tightly, or lock them in place with CAMO LEVER® (sold separately).

OPTIONAL INSTALLATION METHOD

5



Starting at the outermost to board, place the NEVER-MISS® Guide (included in 450 and 900 CT. pails) over the screw head. Connect the bit to the head and drive until the clip is snug. **Do not overdrive.** Repeat until all inner boards are fastened.



To fasten with ClipDRIVE™ - starting at the outermost board, put the nose over the screw head and drive at full RPM while applying downward pressure. Repeat until all inner boards are fastened.

WEDGE CLIPS



For use with wood joists

METAL

For use with metal joists

LEARN MORE ABOUT CAMO WEDGE AND WEDGEMETAL CLIPS



1



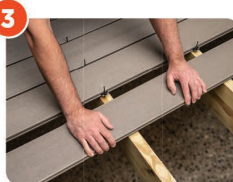
Tilt the WEDGE Clip so the lower prongs enter the groove first. Tilt the clip back up to wedge into the groove. Clips stay in place until you're ready to fasten.

2



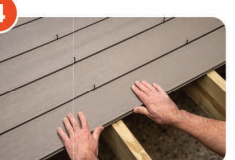
Install a clip at every joist along the length of the board.

3



Slide the next board up against the clips, and repeat until you have multiple rows of boards and clips.

4



Hold the boards tightly, or lock them in place with CAMO LEVER® (sold separately).

OPTIONAL INSTALLATION METHOD

5



Starting at the outermost board, place the NEVER-MISS® Guide (included in 450 and 900 CT. pails) over the screw head. Connect the bit to the head and drive until the clip is snug. **Do not overdrive.** Repeat until all inner boards are fastened.



To fasten with ClipDRIVE - starting at the outermost board, put the nose over the screw head and drive at full RPM while applying downward pressure. Repeat until all inner boards are fastened.

The above image/information by CAMO

Optional Hardware Available:



Camo Levers



Camo Stand Up Tool



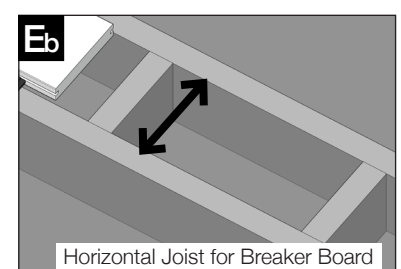
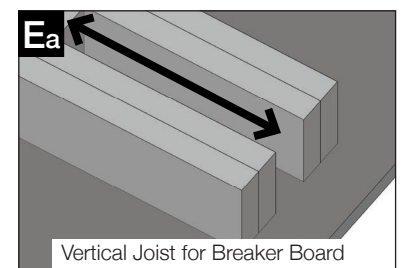
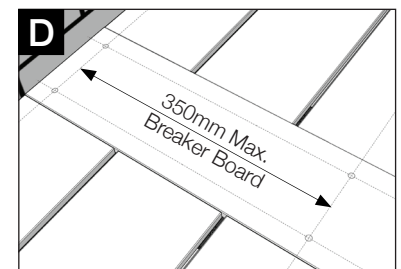
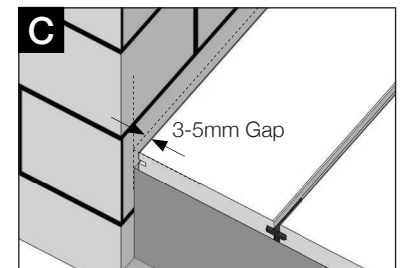
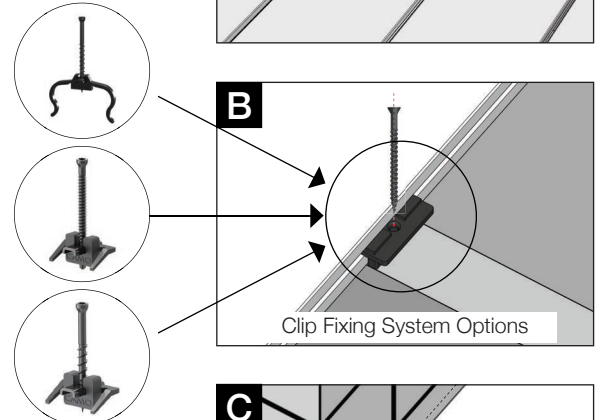
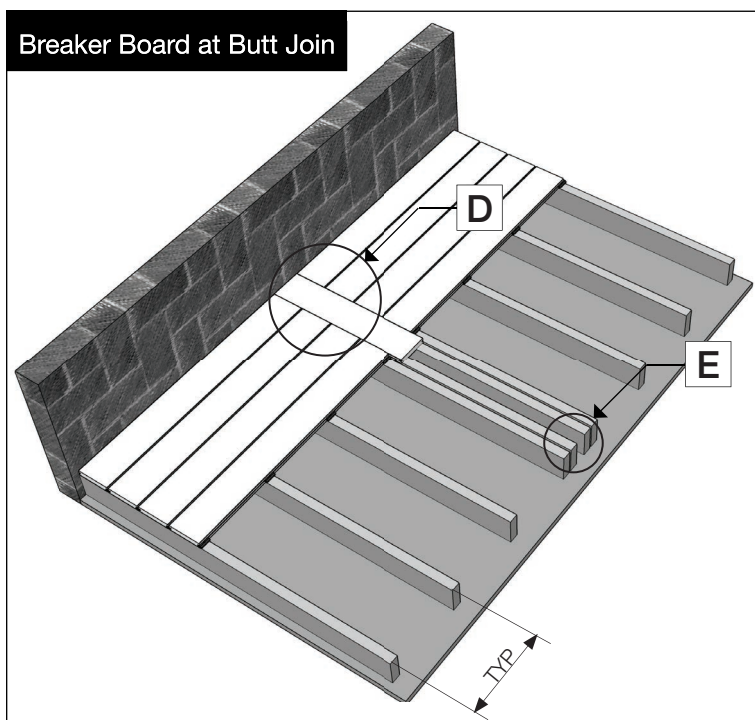
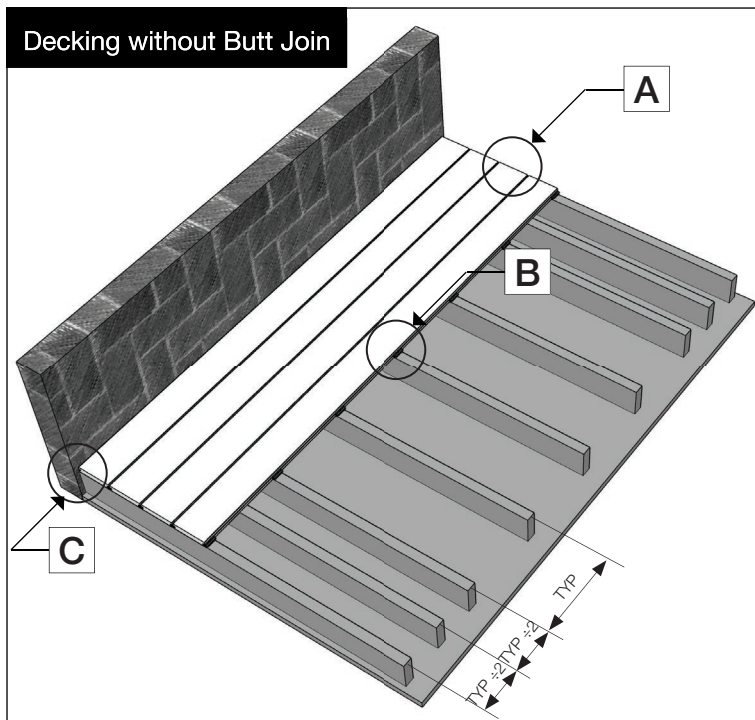
Camo Never Miss Guides

*Clips installed on final joists must not be over-tightened, in line with recommended installation practices.

INSTALLATION TIPS

Read Tips Before Installing

- Framing span to be set as Max. 400mm for residential and Max. 350mm for commercial.
- Use **INNOWOOD PLUS-DEK®** board as a starter and work towards the other side of decking layout.
- Hidden T-Clip Connectors or Camo Hidden Fasteners are used between each **INNOWOOD PLUS-DEK®** boards.
- Breaker Board Framing is to be set Max. 350mm.
- Plugs are used for Trim Strip, Final Board, Breaker Board, or Edge Board.



INSTALLATION TIPS

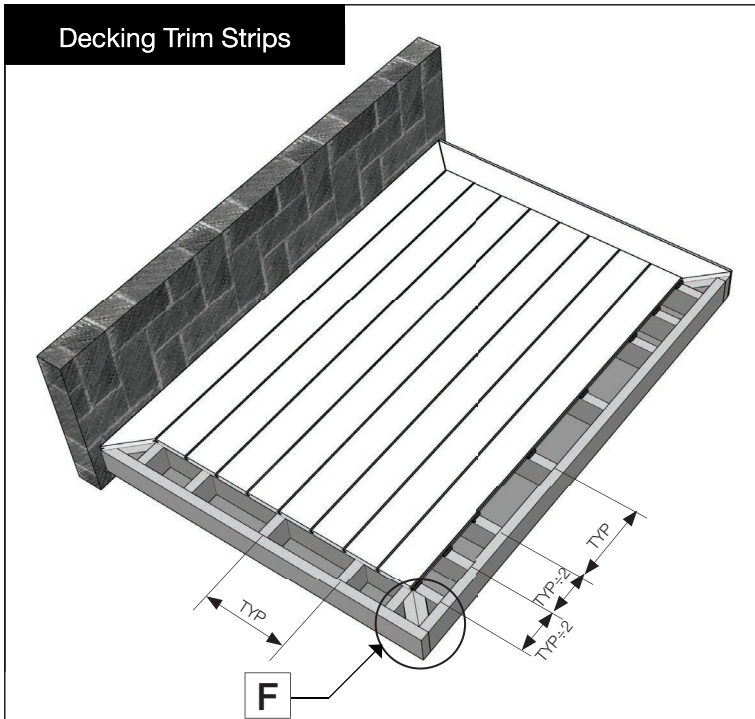
Framing Design Requirements:

TYP	1/2 TYP
Residential = 400mm Max. Commercial = 350mm Max.	Additional Joist at EACH END of Decking

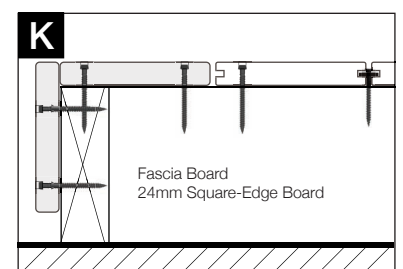
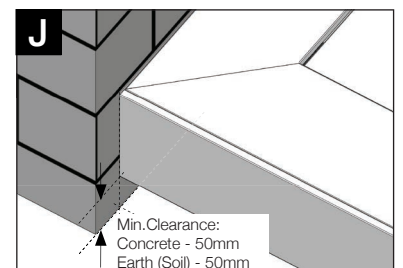
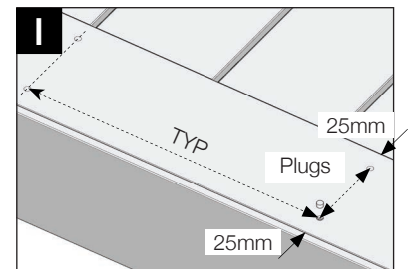
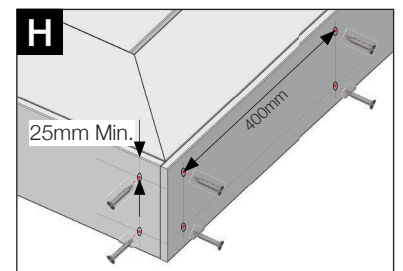
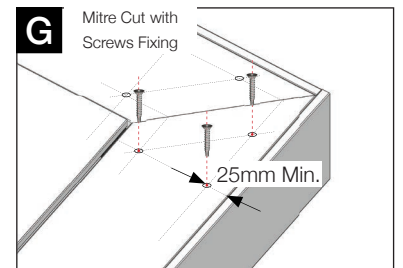
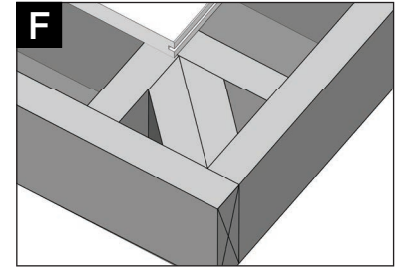
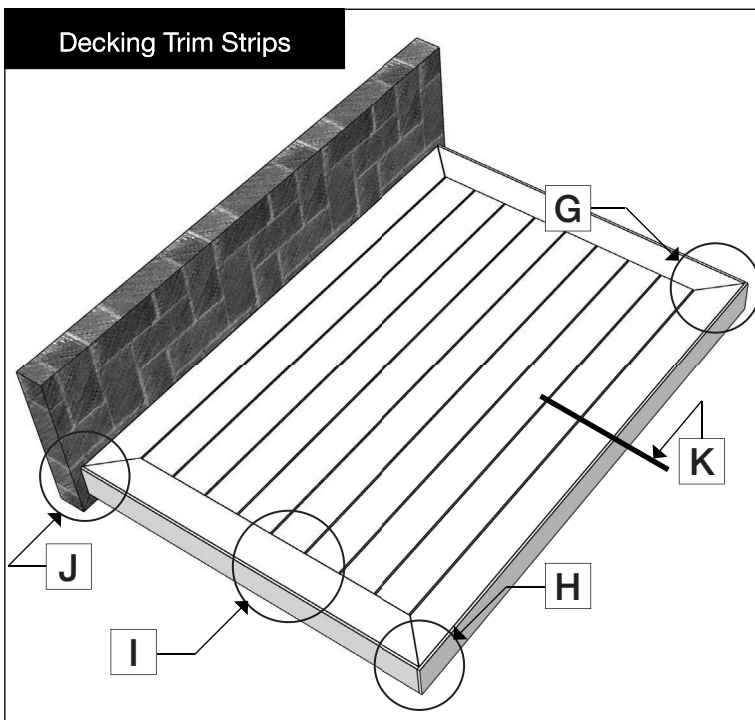
Screw Type Requirements:

Joist Type	Concealed Clip Fastener Decking Screw	PLUS-DEK Plug and Screws
Metal	SS304 4.2mm x 45mm T15 Bit Self-Tapping Screws	StarBorn® Grade 410 10g x 40mm Self-Drilling Screw
Kiln Dried Timber	SS304 4.2mm x 45mm T15 Bit Self-Tapping Screws	StarBorn® SS 316 10g x 65mm Type 17 Screws

Decking Trim Strips



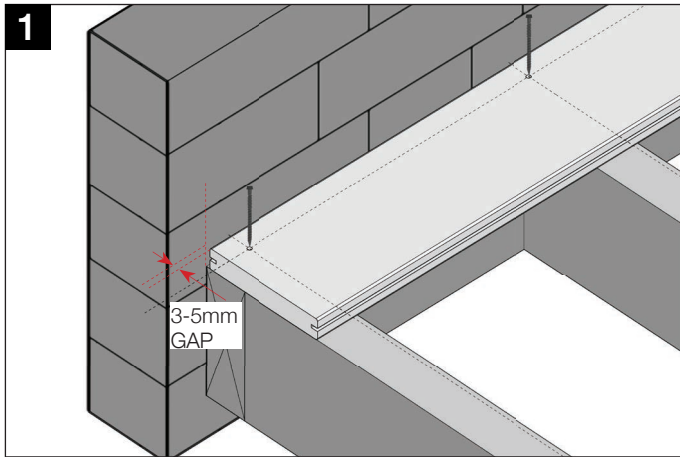
Decking Trim Strips



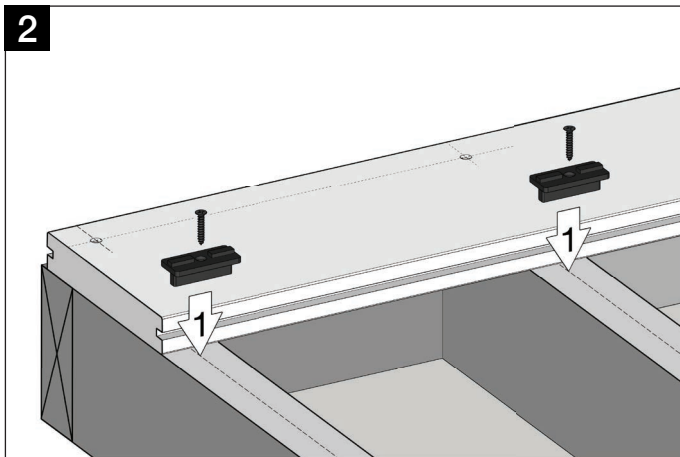
INSTALLATION INSTRUCTIONS

PLUS-DEK® Concealed Clip System Installation Instructions

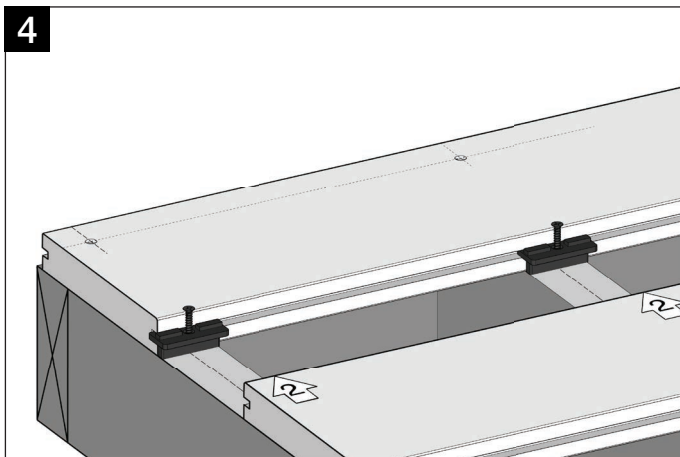
Note: If cutting boards to required length use a dropsaw and observe required clearances.



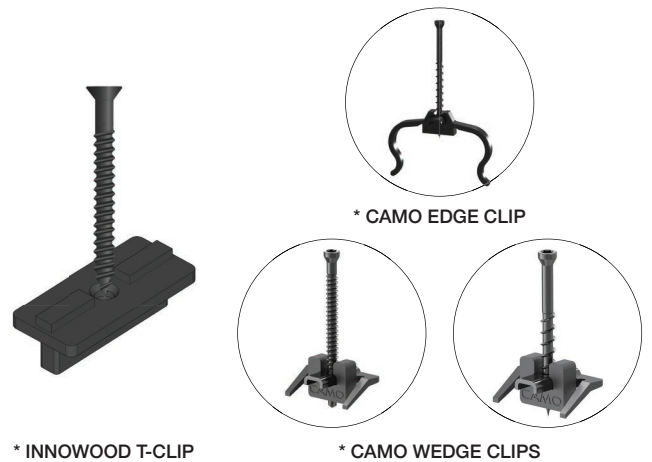
- 1** To begin installation, position the first board, ensuring to maintain a clear gap of 3-5mm between the edge of the board and the solid structure wall. Drive the plug screws into the pre-drilled holes along the starting edge of the board, aligning them with the center line of the joists.



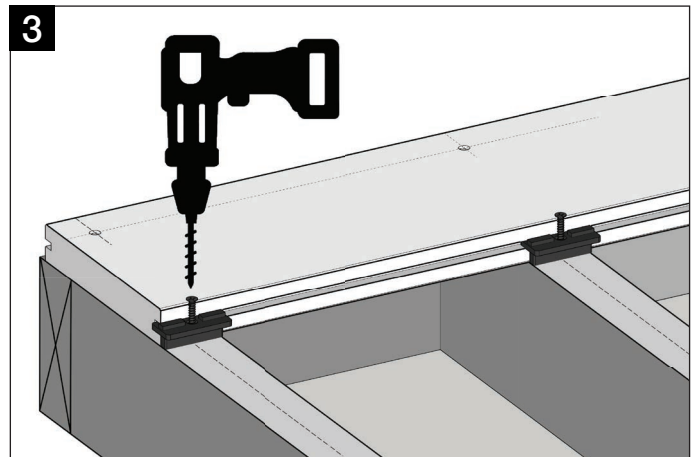
- 2** Align HIDDEN T-Clip Connector with each joist and press into Grooved-Edge Board until fully engaged. Screw hole should be lined up with the center of the support joist.



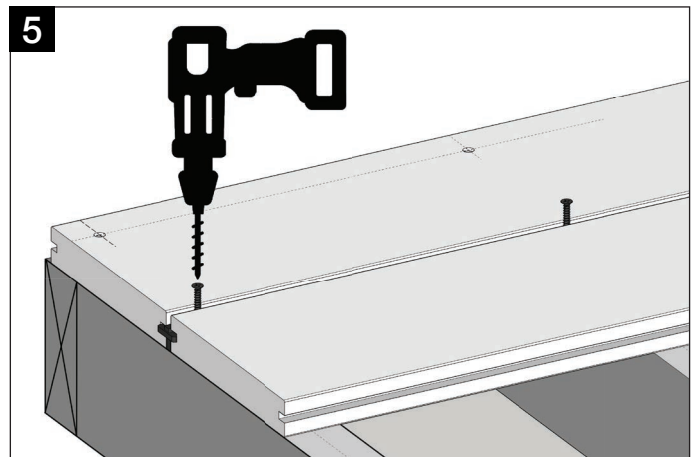
- 4** Position the second board press into the HIDDEN T-Clip Connector until fully engaged into the clips.



*All the fixing clips are compatible with the deck installation procedures below.

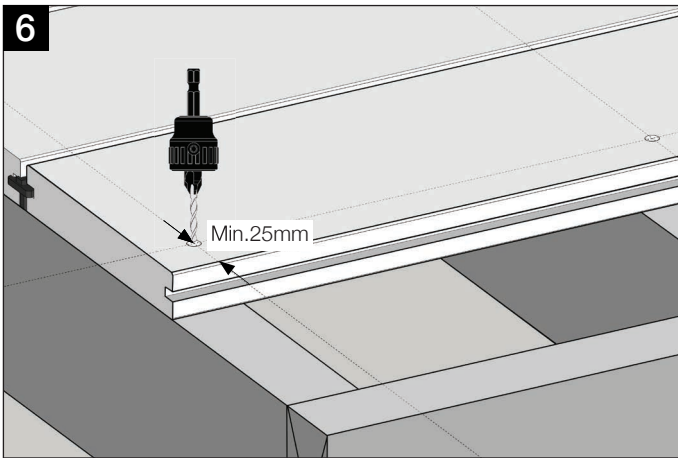


- 3** Insert provided CONCEALED Black Screws through the fastener screw holes however do not fully tighten at this stage.

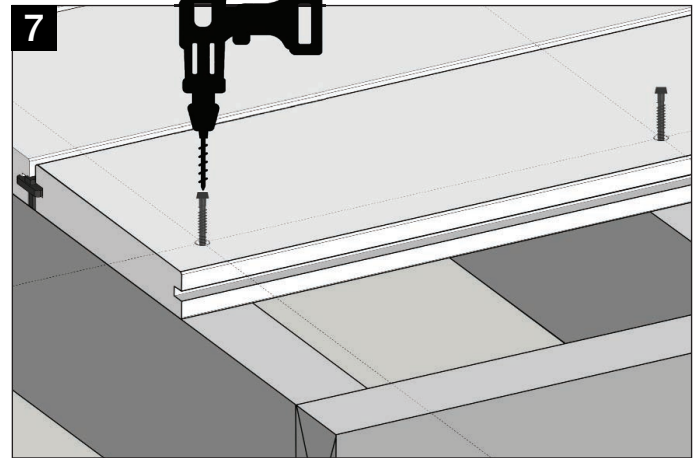


- 5** Now tighten HIDDEN T-Clip Fasteners between 1st & 2nd board and repeat step 3 to 5 until the 2nd-to-last board is to be installed.

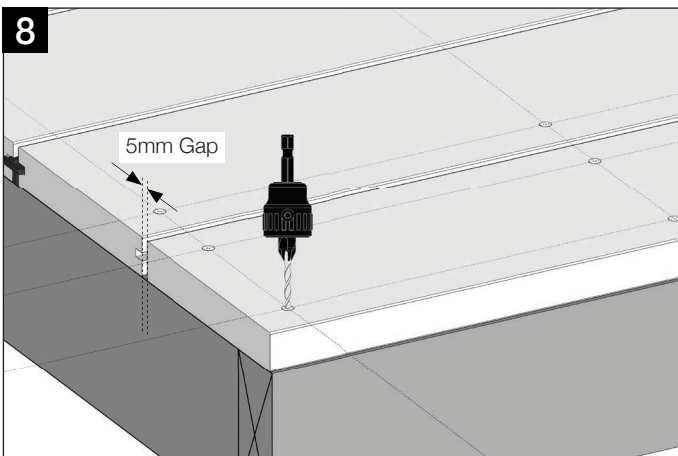
INSTALLATION INSTRUCTIONS



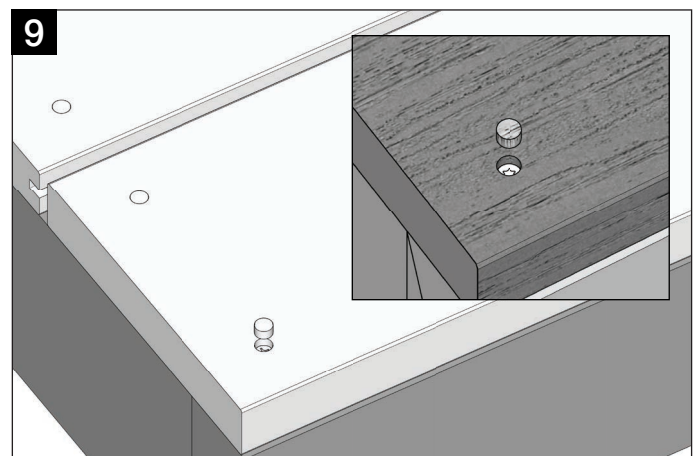
- 6** To install the second-to-last board, fully insert it into the hidden clip fasteners. Using the provided **Router Bit**, pre-drill holes positioned Min. 25mm from the edge of the groove on the opposite side (same size as the end of the board). Afterwards, be sure to clean out any debris.



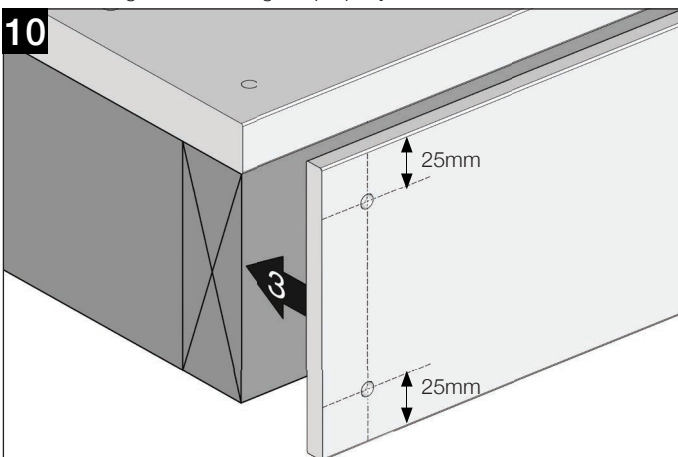
- 7** For the best results using an 18V or higher cordless drill at a 90° angle. Drive the **Screws** into the deck board until the bit releases from the screw.



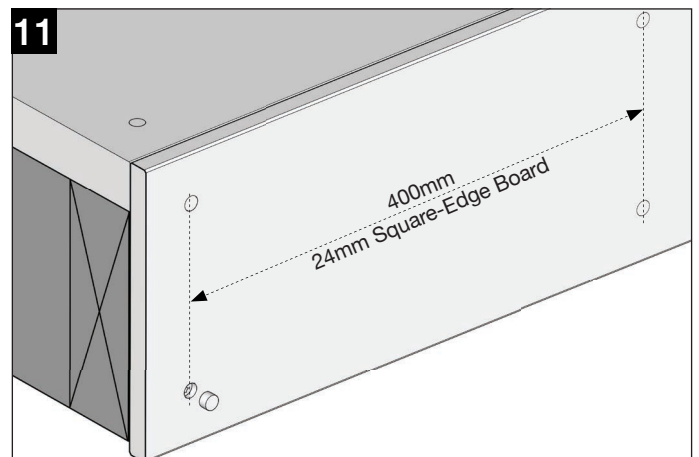
- 8** To install the final board, it is recommended to take the **Square-Edge Board** and align it with a 5mm gap from the second-to-last board. Pre-drill holes at both the end and the edge of the board, positioning them a minimum of 25mm from the edge. Ensure that all edge holes are aligned properly.



- 9** Drive the **Screws** into the decking until the bit releases from the screw. Place the decking **PLUG** into all the cored holes and gently tap flush with deck surface, make sure to use a rubber mallet to avoid damaging the PLUS-DEK surface.



- 10** Pre-drill holes in the **Square-Edge Board** and spacing in 400mm CTRS. A minimum of two screws are required on the width face of the board. Drive the **PLUG Screws** into the **Edge Boards** until the bit releases from the screw.



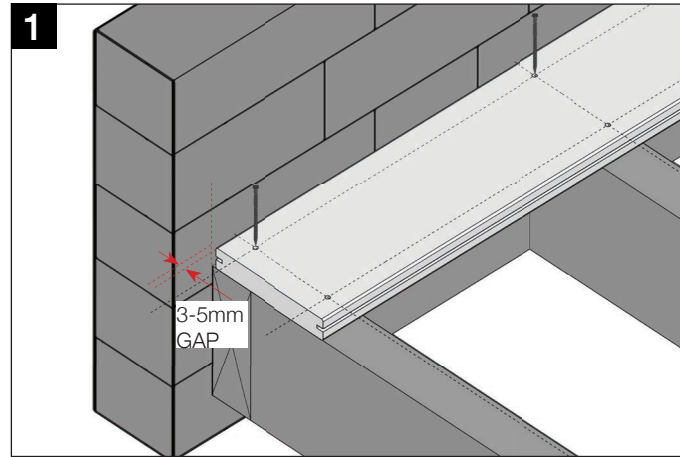
- 11** Place decking **PLUG** into all the cored holes and gently tap flush with deck surface, make sure to use a rubber mallet to avoid damaging the surface.

INSTALLATION INSTRUCTIONS

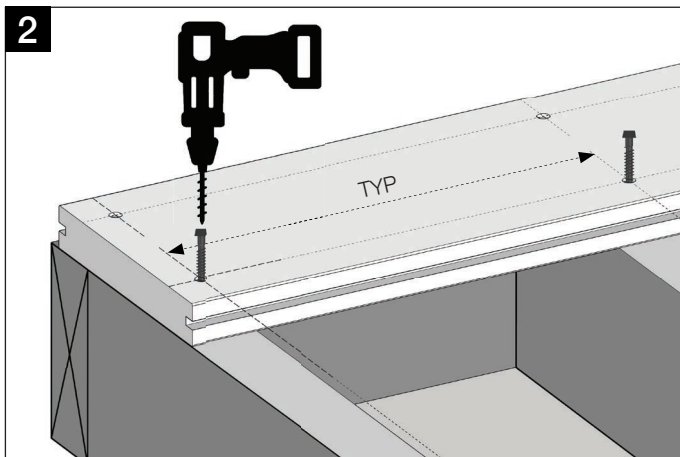
PLUS-DEK® Face-Fixing System Installation Instructions

Recommended for large temperature shift areas and rooftops.

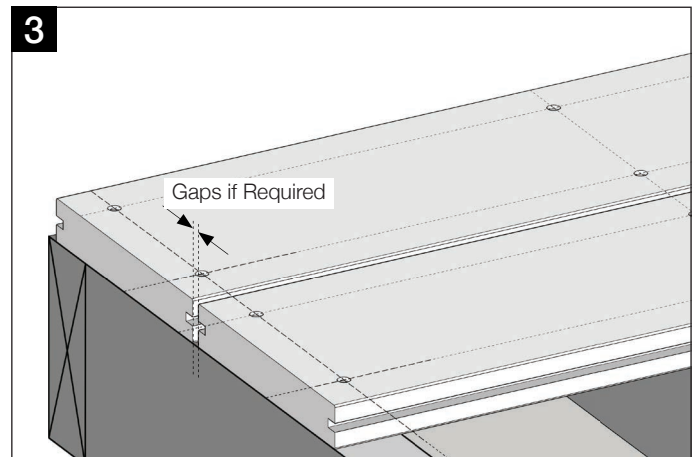
Note: 1. Cut Boards to required length using a dropsaw and observe required clearances;
2. Pre-drill holes on each board follow the framing design requirements before installing the decking board for this system.



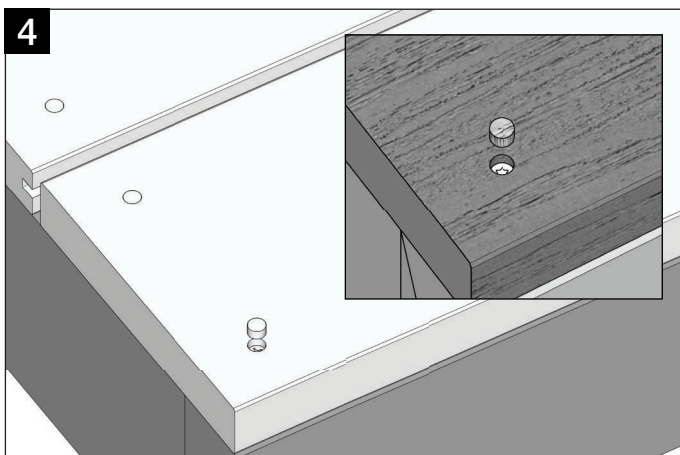
1 To begin installation, position the first board, ensuring to maintain a clear gap of 3-5mm between the edge of the board and the solid structure wall. Drive the plug screws into the pre-drilled holes along the starting edge of the board, aligning them with the center line of the joists.



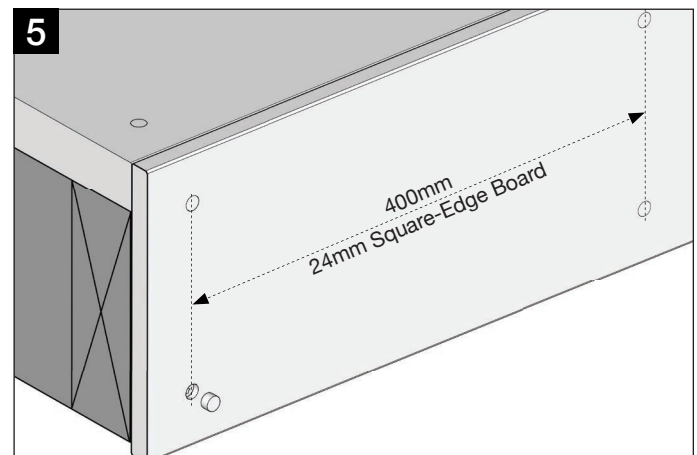
2 Drive the PLUG screws into the other line of the board using pre-drilled holes until the bit releases from the screw to board complete the first board fixing.



3 Align the second board with the first board, allowing for any necessary gaps. Use the PLUG Screws to secure the board. Repeat this process for each subsequent boards until reaching the last one which is the Square-Edge Board.



4 Place PLUG into all the cored holes and gently tap flush with deck surface, make sure to use a rubber mallet to avoid damaging the PLUS-DEK® surface.

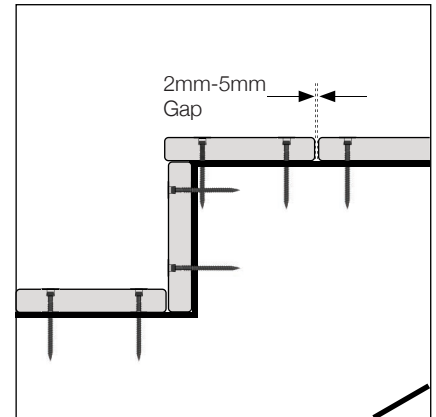


5 Attach the 24mm Square-Edge Board to complete the finishing touches on the edge.

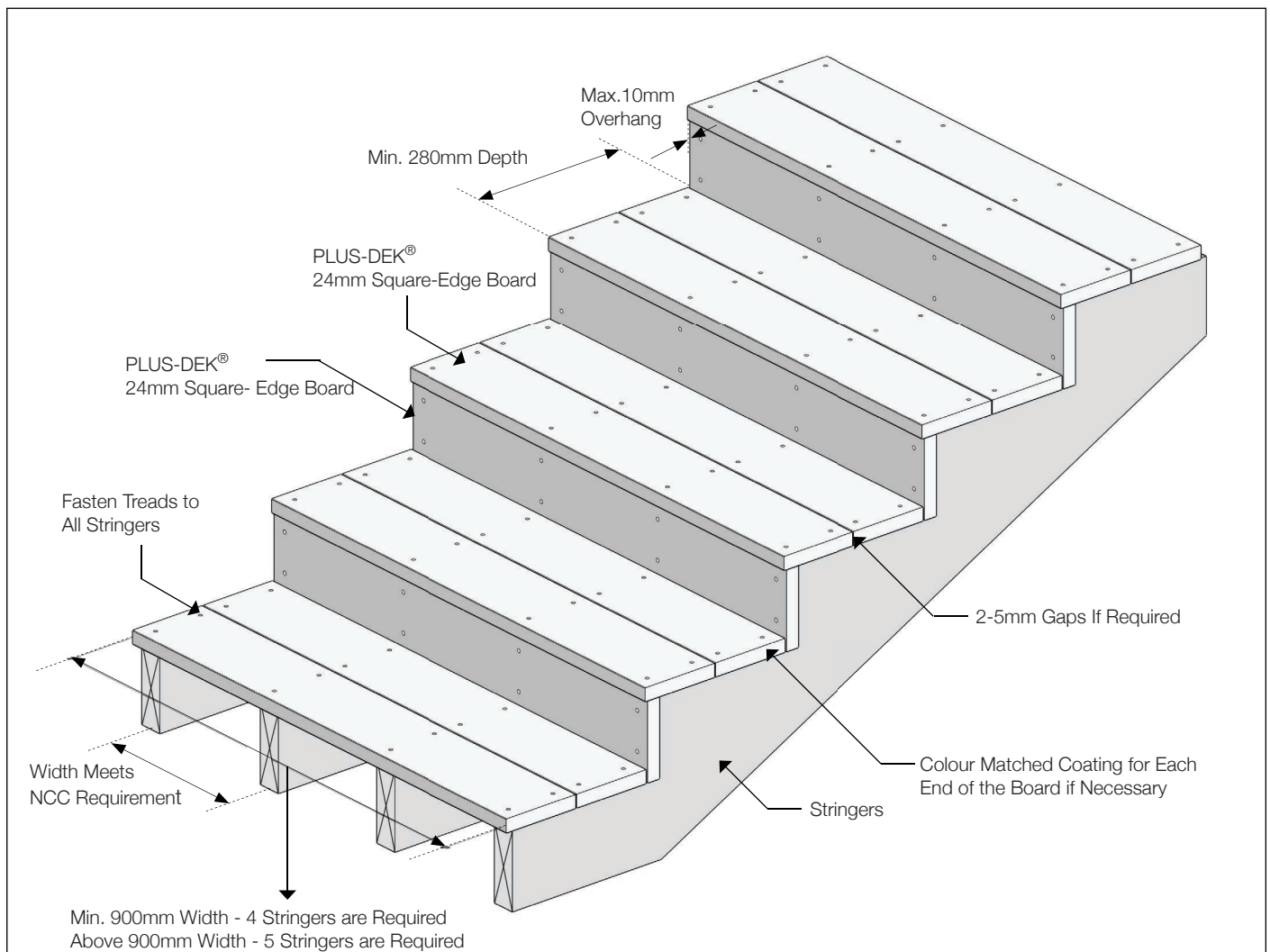
INSTALLATION INSTRUCTIONS

Stair Tread Installation

- Stair treads built with **INNOWOOD PLUS-DEK®** must meet the requirements of the Australian Natural Construction Code (NCC).
- **INNOWOOD PLUS-DEK®** can be installed as a stair tread with a max. span 300mm.
- When installing Treads and Risers, use two screws per every stringer.
- Most building codes require the stair treads to be constructed under the following requirements:
 - > Stairways must be at least 900mm wide
 - > Stair treads must be at least 280mm deep
- Gapping between **PLUS-DEK®** Boards on stair treads should be 2- 5mm if required.
- Overhang on a stair tread should not exceed more than 10mm.
- All **Face Riser Screws** must be stainless steel.



Note: Ensuring that **INNOWOOD PLUS-DEK®** stair treads meet the above standards, particularly concerning structural integrity, load-bearing capacity, and safety features, is crucial. For specific product compliance, consulting with the manufacturer or a structural engineer is recommended.



NOTES



NOTES





1300 787 717



enquiry@innowood.com



www.innowood.com



Unit 15, 26 – 32 Pirrama Road, Pyrmont NSW 2009,
Australia



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