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HALLMARK DECKING INSTALLATION MANUAL

CARE AND MAINTENANCE

Congratulations on the purchase of your Hallmark composite decking. To ensure that you keep your low maintenance decking looking its best we recommend that you follow a few easy guidelines.

For periodic cleaning use a soft bristle brush and a dilution of mild soap and warm water. For those using a power washer we recommend that you stand at least 1m away from the area you are to clean. Spray in the direction of the grain to avoid damaging the product. Always follow the safety precautions when operating a power washer. Be sure that water effectively drains from your wood plastic composite decking.

For those harder to clean areas or where the decking may have been damaged by the dropping of charcoal etc we recommend using a 400 grit sandpaper or above. Lightly sand the decking in the same direction of the grain. Rinse thoroughly with water after sanding.

These guidelines may not cover every maintenance scenario. If you have additional questions please contact our friendly service team on 0800 799 9082.

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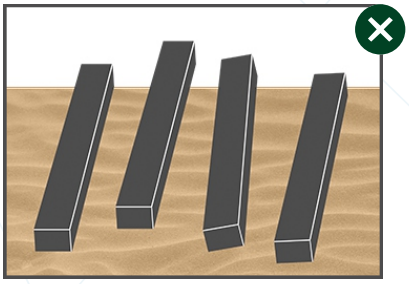
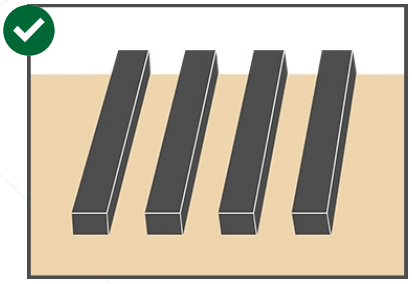
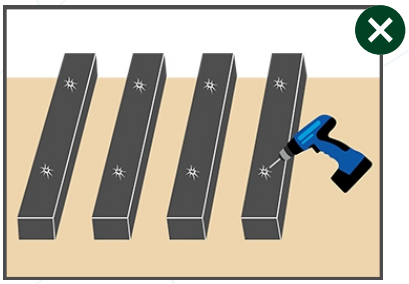
INITIAL HINTS AND TIPS FOR INSTALLING HALLMARK COMPOSITE DECKING

NOTE: WHEN SCREWING THROUGH COMPOSITE PRODUCTS ALWAYS PRE DRILL ANY HOLES

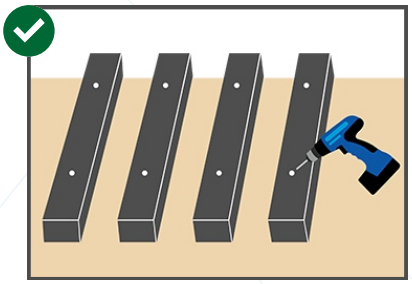


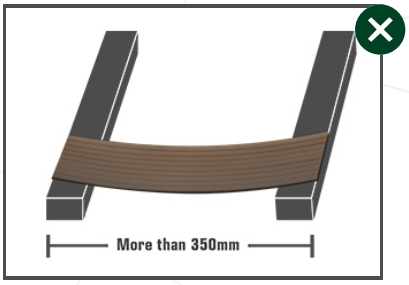
Joists must be laid on a solid flat surface such as concrete. Grass, uneven paving slabs or sand will cause movement.



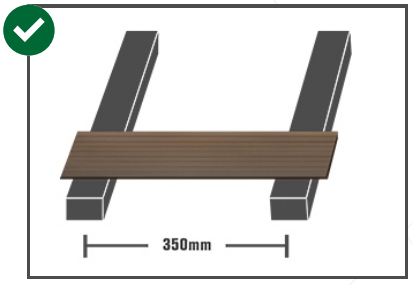


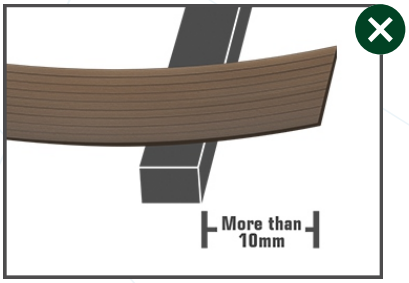
Always pre drill composite wood products using a minimum of a 4.5mm drill bit. If you do not you risk damaging the product over time.



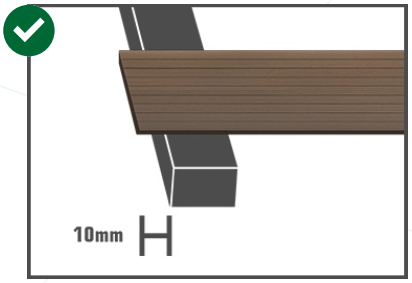


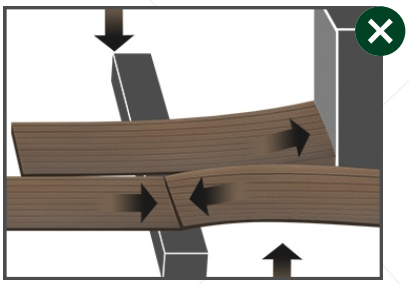
Joists must be set to 350mm centres. If not boards may warp or move. Composite boards need to be supported across their length.



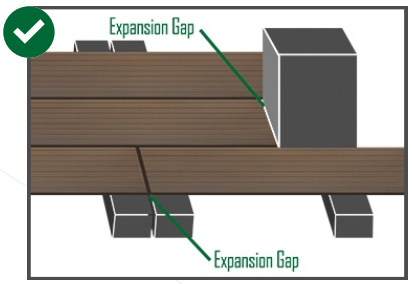


Ends of deck boards must be supported and not have an overhang of more than 10mm. If not boards will move or be damaged.





Butted boards must have an expansion gap of 5mm between boards & be supported by separate joists. At edges a gap must be left for expansion. If not boards may warp or crack under pressure.



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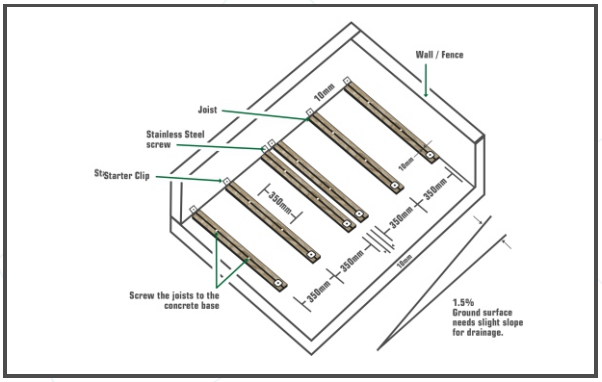
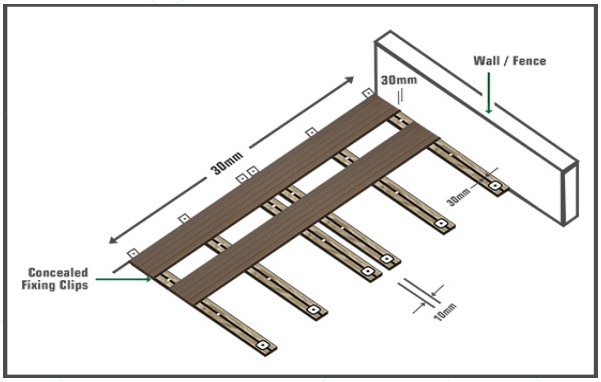
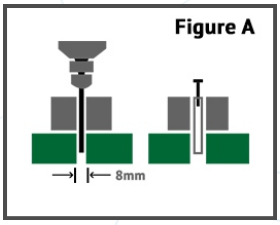
INITIAL HINTS AND TIPS FOR INSTALLING HALLMARK COMPOSITE DECKING

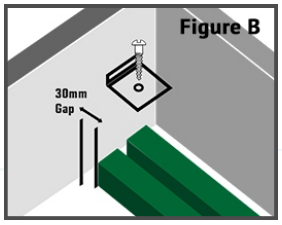
IMPORTANT NOTE:

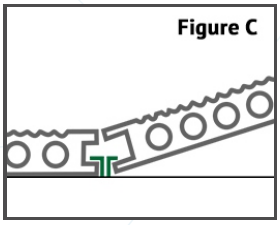
When designing your deck please make note of the joist spacing in your frame. Composite wood behaves differently to traditional timber, hence for different spacings that you may be used to.

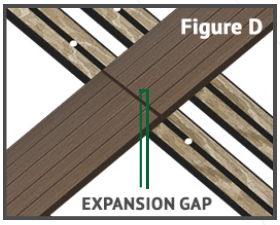












1. Lay your Joists 350mm centre to centre, running the opposite way to the direction of the Deck Boards. Make sure to leave a 30mm gap between your walls / fence to allow for expansion.

2. Pre-drill and screw the Joists to your concrete base. (If using Composite Joists pre-drill & over-drill holes to allow for expansion. Use of expansion screws are recommended). See Figure A.

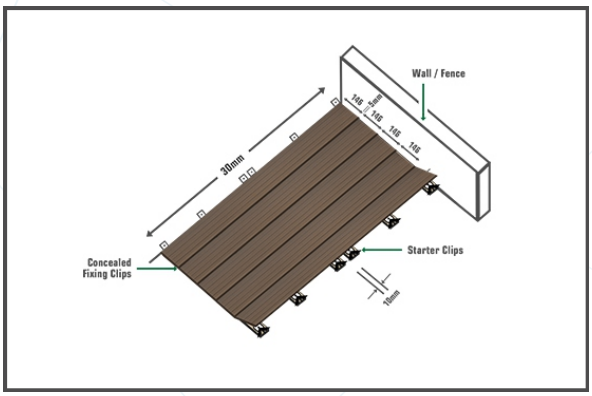
3. Fix Starter Clips along the edge of each Joists at the end you wish to start laying boards from. Pre-drill the screw holes & screw in place. See Figure B.

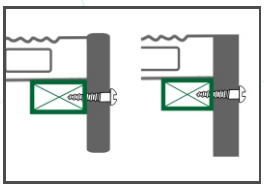
4. Push your first board into place, clipping into the Starter Clips.

5. Clip Concealed Fixing Clips into the first board along each of the Joists. Pre-drill and screw in place. See Figure C. Space between boards should be 5mm.

6. If joining 2 lengths of board together, make sure both ends are supported by separate Joists. Leave a gap calculated on the expansion rate of 0.3% - 0.5% of the board length to allow for expansion. See Figure D.

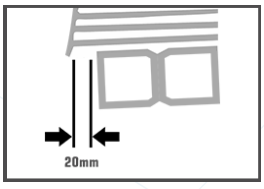
7. Push the next board in place. Repeat until your deck is the required length.





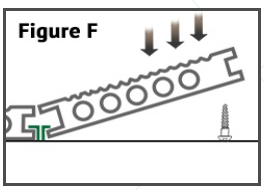
Edging Strip Trim

Screw the Edging Trim into the joists of the long edge of exposed deck boards.

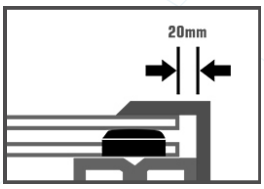


Overhang

Overhang of boards from joist should not exceed 20mm.



8. Measure out the width of the last board and mark Joists ready for Starter Clips to finish the deck.Pre-drill the holes and screw Starter Clips in place.
9. Clip your last board into the previous board and push down into place using a rubber mallet if required. See Figure F.



Finishing L Trim For
Non Step / Non Walking Edge

Lay your final joist with a 20mm over hang to allow for expansion. Screw the 90° angle directly into the joist.

If for a walkway or doorway, use an aluminium L shaped cover from your local DIY store to hide the gap.

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LAYING A FRAMED DECK & STEPS

LAYING THE JOIST

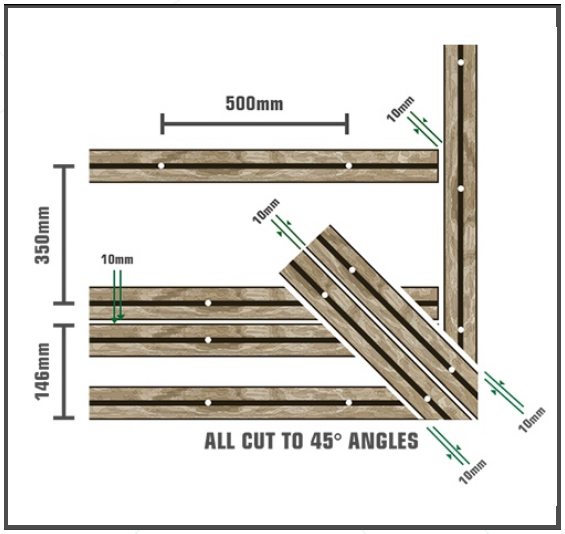
1. Lay and secure your joists at the usual 350mm centres along the opposite way to the main deck board body.

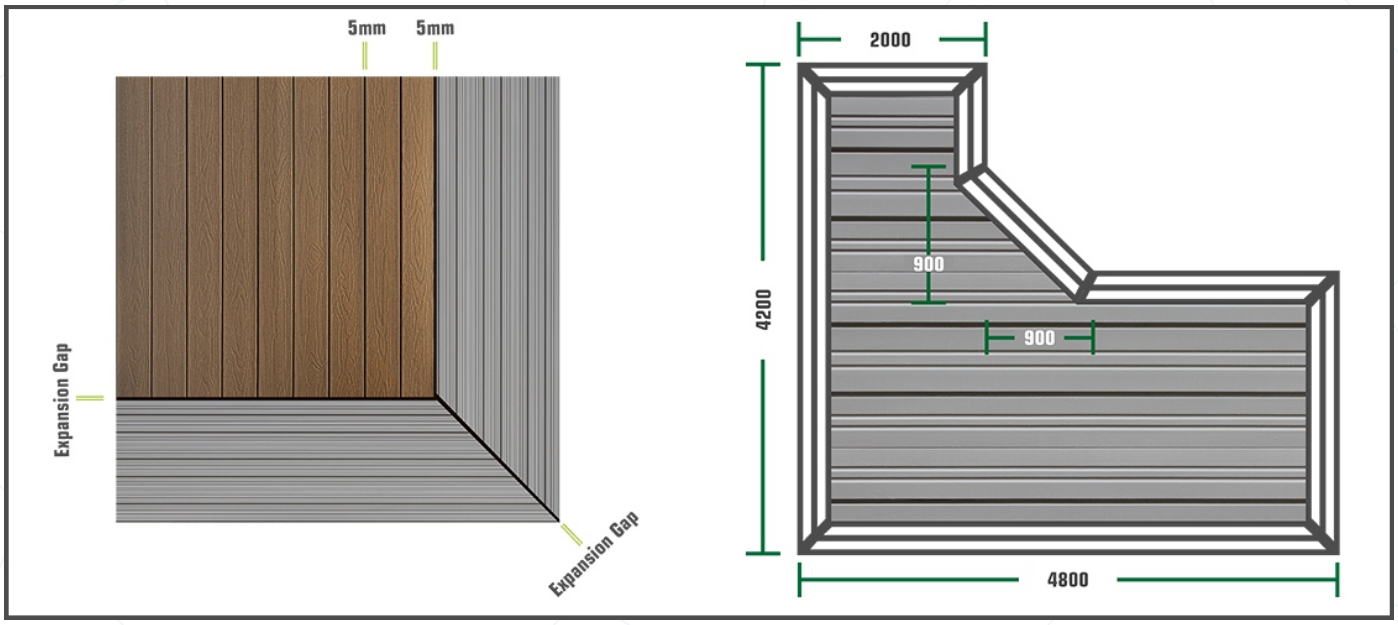
2. At the corner, lay 2 shortened joists with a 10mm gap cut to a 45° angle. (See 2 on diagram)

3. Lay another joist 146mm alongside the lower most joist. This will support the framing board. (See 3 on diagram)

4. Lay another joist 10mm away from the last. This will support the edge of the main deck body. (See 4 on-diagram)

5. Repeat on the remainder of the corners applicable.





LAYING THE DECK BOARDS

1. Cut your Solid profile framing boards to 45°. Teckwood Decking Boards are reversible and contain Anti slip properties on both sides, they can be installed with the ridge side facing or the 3D deep embossed wood grain side.
2. Secure Starter/Finisher Clips at 350mm intervals along the lengths of the outside edge of the subframe.
3. Clip in your cut boards into the Starter Clips to make the frame.
4. Secure Starter/Finisher Clips to the two sides where the main body will have short sides against the frame.
5. Lay the main body of the deck as you would do usually.

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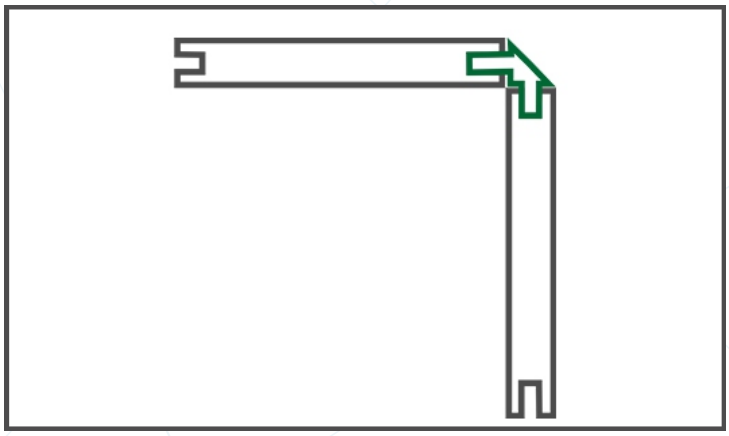
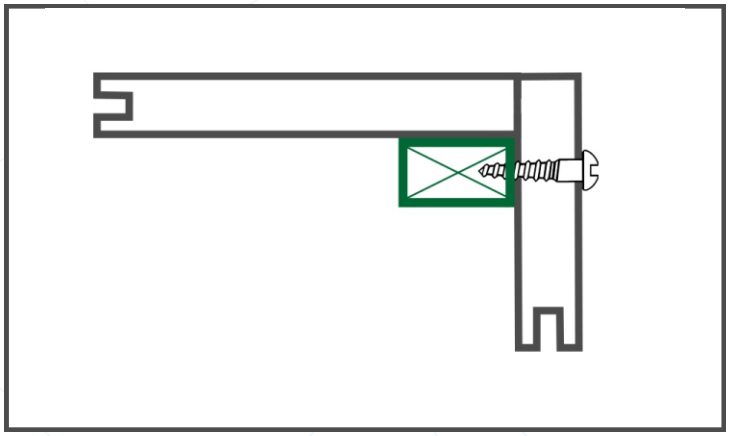
OPTION: 1



OPTION: 2



TRIANGULAR FINISHING EDGE

1. Insert the triangle finishing edge to the vertical and horizontal board.
2. Apply adhesive in between the board and edging sharp.
3. Leave expansion gaps when joining boards together.

SOLID EDGED STEP

1. Use Starter Clips to fit the last board.
2. Trim off the groove along one side of a Solid board.
3. Line up to the top of the edge of the deck.
4. Pre drill using a minimum of a 4.5mm bit when screwing the board to the joist.

COLOUR EXPECTANCY

Due to sun bleach, Teckwood composite products are subject to fade, as our composite wood is manmade and a recycled product, thus color variations are expected. Our warranty does not cover color fade, water marks or discoloration or stains on our products. Our deliveries colour variations may occur in different batches.

DISCLAIMER

The information given in this guide is based on guidelines for installation of domestic properties.This guidance does not cover any guidance for commercial decks as they require a more robust design, materials and construction that can deal with loads placed on them. This is just a general guide, it may not cover every scenario envisaged. It will be the sole responsibility of the installer for the installation methods they use and its performance as every installation differs and could be unique. Teckwood recommends that all designs should be reviewed by a licensed architect or engineer before installation, and that every plan or design meets that building regulations and permission before the beginning installations. Please use suitably qualified personnel to prevent injuries or accidents.

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