

# Installation

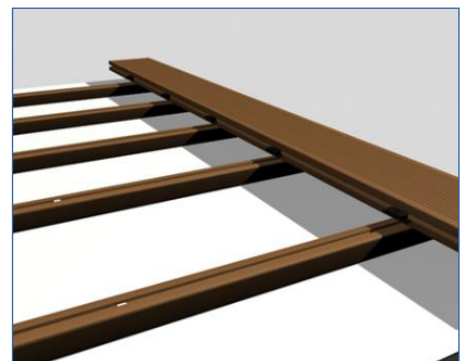
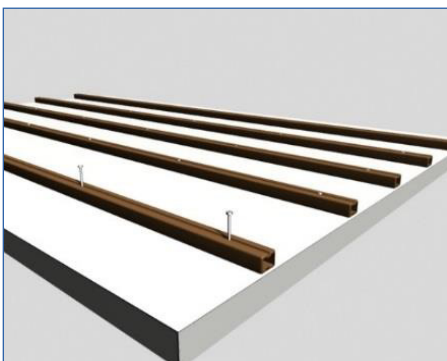
## Important Installation Instructions

- Slight colour and surface differences may occur due to slight differences in raw materials or surface treatment. The deck boards will fade by approx. 10% of the colour over the first 12 month period of being installed. At the end of this period the surface colour will stabilise.
- It is advisable to place the deck boards in the required installation site for 72 hours before you start the installation for them to acclimatize. The decking should not be installed in temperatures below 5°.
- We advise to use original accessories and parts from STORM to ensure warranty remains valid.
- There must be a space of at least 25mm between the ground and substructure. In case of insufficient ventilation any warranty will be invalidated. There should not be direct contact between the decking structure and the ground (grass, soil etc)
- Variations in temperatue and moisture uptake will result in expansion (about 0.3% to 0.5%).
- A strong and compacted base such as concrete is recommended.
- WPC products are not suitable for closed and moist environments such as sauna rooms etc.

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### Prepare the Substructure

- Ensure there is sufficient drainage below the deck area.
- Lay the sub frame with a slight gradient of 1% to 1.5% away from the walls, laid lengthways. Keep the sub frame set off any surrounding walls or other obstacles to allow for slight expansion.
- Keep the substructure at a maximum of 400mm centres (We recommend 350mm).
- The substructure should be fixed by expansion screws to the concrete at a distance of 300-400mm.
- To ensure each deck board has a full bearing each end, for runs lower than 5m, the subframes should overlap by a minimum of 100mm.
- If the deck boards have to be joined on the length, a second section of sub frame should be added.



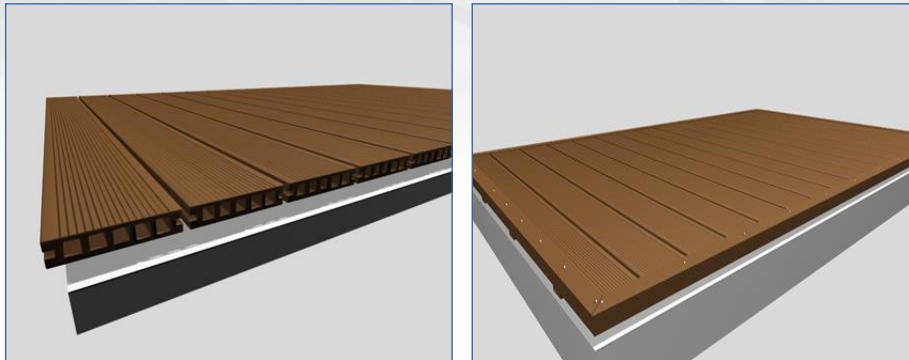
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WPC Product's expansion rate is around 0.3% to 0.5% depending on different weather conditions in different places, based on this expansion rate, there must always be a gap between 2 WPC products as follows:

- The distance of at least 30mm from walls or other obstacles to allow for expansion of the deck boards.
- Allow at least a 10mm gap on butt joints.
- **IMPORTANT:** When fixing the starter clips or the connecting clips, we recommend pre-drilling with a 2.5mm drill bit to prevent cracking or breaking the sub frame as WPC products have a high density.

## Finishing

- There must be a gap at the joint between the 2 corner covers, calculated based on the expansion rate of 0.3% - 0.5% of the length.
- The distance between the fixing screws have to be a minimum of 300cm.
- When fitting the matching angle trim you can use STORMfix, a one part solvent free hybrid adhesive with a very high initial grab and no slip properties.



## Expansion and Fading

The deck area can be finished with the Angle Trim product around the perimeter, this provides a neat finish to the deck. Allow the same expansion tolerances as the decking.