

TRITON WPC DECKING

INSTALLATION GUIDE

INSTALLING TRITON WPC DECKING

Important installation instructions

- Slight colour and surface deviation may occur due to slight differences in raw materials or surface treatment. The deck boards will fade over the first 12 months of being installed. At the end of this period, the surface colour will stabilise. The degree of fading will depend on the location of the decking and the resulting exposure to bright sunlight and weather conditions.
- It is advised to place the deck boards in the required installation site for 72 hours before you start the installation for them to acclimatise. The decking should not be installed in temperatures below 5°C.
- We advise using original accessories and components from STORM to ensure the warranty remains valid.
- 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 temperature and moisture uptake will result in expansion.
- A strong and compacted base such as concrete is recommended.
- WPC decking is not suitable for closed and moist environments such as sauna rooms etc.

STEP 01 PREPARE THE SUBSTRUCTURE

Ensure there is sufficient drainage below the deck area.

Lay the subframe with a slight gradient of 1% to 1.5% away from the walls. It should also be laid lengthways. Keep the subframe set off any surrounding walls or other obstacles to allow for slight expansion.

Keep the substructure at a maximum of 350 mm centres.

Fixing clips must be installed on every joist/subframe.

The substructure should be fixed by expansion screws to the concrete at a distance of 300-400 mm.

Where the decking needs to be joined longitudinally, we recommend having a double bearer to provide sufficient support for both ends of the deck boards.

Please ensure that the ends of both boards are secured by clips at both sides.

Please note: The warranty does not cover variation or changes in the colour of the TRITON WPC decking. Contact our sales team for full warranty details.



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STEP 02 INSTALLING AND EXPANDING

The expansion rate of TRITON WPC decking can vary depending on different weather conditions. Based on this expansion rate, there must always be a gap between two TRITON WPC decking boards as follows:

- Allow at least an 8 mm gap on butt joints.
- The distance of at least 15 mm from walls or other obstacles to allow for expansion of the deck boards.

Important: When fixing the starter clips or intermediate clips, we recommend pre-drilling with a 2.5 mm drill bit to prevent cracking or

breaking the subframe, as WPC products have a high density.

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.

When fitting the matching angle trim, you can use STORMFix, a one-part solvent-free hybrid adhesive with high initial grab and non-slip properties. Angle trims must not be screwed down, as they need to be free to expand and contract.

STEP 03 MAINTENANCE AND AFTERCARE

Water stain marks can show on composite deck boards. The main types of water stains will generally disappear with exposure to general weathering.

Water stains from wood tannins will occur in the early life of your deck as the natural tannins come out of the wood fibres at the surface of the composite decking. This will happen in the early weeks of your deck being laid and will depend on how exposed to the elements your deck is before the weathering process is complete. This type of stain can be more prominent when new decking is exposed to direct sunlight in the first few months of its life.

Water stains from water pooling or dripping can leave a “shoreline” effect. The visibility of the stain depends on variables like how dirty the decking is and how quickly the water dries from the water pooling. Again, this can be exaggerated in hotter weather.

Both types of marks/stains will disappear over time unless you have a recurring problem that continually allows water to land on the composite decking, e.g. a drip from the gutter will continue to make marks. Oil or cigarette stains, etc., can be very difficult to remove from the surface, so avoid contact.

We advise letting the composite decking weather naturally over time. However, we understand you want to be proud of your new deck once installed, and if you feel the need to try and remove the marks yourself, washing with clean, hot water should wash away most stains. Don't wash your decking while it's still hot from a day's sunshine.

1. Pour clean hot water on the deck and let it sit for 5-10 minutes.
2. Work with a soft bristle brush.
3. Pressure wash (at low pressure and wide fan) or rinse down with hot water (preferred option).
4. Push the water off the deck with a squeegee brush.
5. Mop up any wet areas with a clean sponge mop.

Watermarks may require more hot water or repeated procedure if they are long-standing.

Important: Never use strong detergent or bleach-based products.



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