IMPORTANT INSTALLATION NOTES

• Slight colour and surface differences may occur due to slight differences in raw materials or surface treatment. The deck board colour will fade by 10% 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 acclimatise. The decking should not be installed in temperatures below 5°C.

• We advise you to use original accessories and parts from General Building Plastics.

• There must be a space of at least 25mm between the ground and the subframe. In case of insufficient ventilation any guarantee 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 (about 0.3% to 0.5%) of the sufficient distance expansion between the terrace sections.

• A strong and compacted base such as concrete is recommended.

• WPC products are not suitable for closed and wet spaces without air ventilation and/or environment with significant difference temperature change (e.g. sauna room).

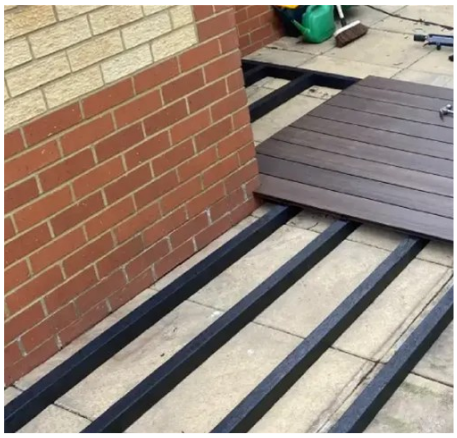
INSTALLATION

• Prepare the substructure

• Ensure there is good 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 of any surrounding walls or other obstacles to allow for slight expansion.

• Keep the substructure at maximum 400mm centres (350mm centres are recommended).



• The substructure should be fixed by expansion screws to the concrete at a distance of 30-40cm.

• To ensure each deck board has a full bearing each end (for runs lower than 5m) the subframe should overlap by a minimum of 100mm.

• If the deck boards have to be joined on the length, a second section of joists should be added.

FINISHING

• Fix the L-shape corner cover against the wall and not to the terrace sections to allow for movement of the WPC.

To determine the right positions on the wall, proceed as follows:

• Lay the L-shape cover corner on the terrace sections. Put a mark on the wall at the top edge of the L-shape corner cover.

• Remove the terrace sections from under the L-shape corner cover and fix the L-shape corner Cover against the wall

• Always ensure that there is sufficient space of at least 20mm between the L-shape corner cover and the terrace section.

• There must be a gap at the joint between the two corner covers, calculated based on the expansion rate 0.3% -

Physical Data	Requirements	Test Result
Hardness	>58HRR	61HRR
Moisture Content	<2%	0.3%
Modulus of Rupture	>20 Mpa	40Mpa
Modulus of Elasticity	>1800 Mpa	3818Mpa
Thickness of Swelling	>1%	0.4%
Size Change – Calefaction	+2.5%	-0.10%
Resistance to Wear	<0.08g/100r	0.077g/100r
Size Change H/L Temp.	+0.2%	-0.10%
Screw Holding Capability	>1000N	3120N
Standard – GB/T 24508-2009 Wood Plastic Composite Freeze Thaw Bending Load		
Resistance to Freeze Thaw	>80%	92%
Bending Load	>2500N	3258N

Overall Test Results	
Mean PTV or PTV corr (Dry)	86
Mean PTV or PTV corr (Wet)	42
Slip Potential (Dry)	Low
Slip Potential (Wet)	Low

IMPORTANT NOTICE

Data contained in this document is for information only and is believed to be reliable. General Building Plastics cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and we are pleased to provide a sample upon request.