



Composite Decking Ground Preparation Guidelines

When building composite decking it is very important to always plan to achieve a structure that will enable water to freely drain away via ground preparation, sub structure and the deck itself.

Below are the things to consider before building your composite decking.

- Clear off any debris on your installation area.
- Inspect the area for any problems.

Common issues to look for in your concrete slab includes:

- Water run-off or pooling problems. Concrete should be sloped away from the home to draw moisture away. If you notice areas where water seems to linger, you may need to use a concrete levelling compound to create a flat surface that follows the slope away from your home. To achieve rain water “run off”, decking should be laid on a slight gradient of at least 1:80 to 1:50 (1.25% to 2%). Good drainage and ventilation is very important, composite wood will absorb moisture from the ground beneath the deck. If the water does not run off freely from the support structure or the water collects on the surface of the deck for a long period, the boards may start cupping and structural damage may occur due to moisture absorption. Moisture build-up and ventilation should always be considered prior to construction.
- Uneven surface. Depending on the condition of your concrete structure, you may need to level the surface to create a strong foundation for your composite deck. You can try using a concrete levelling compound to level the surface.
- Excessive cracking, crumbling, or sinking. If your concrete slab is in total disrepair with cracks, crumbling, or persistent sinking in one or more areas, you may have to completely fix it before building your composite deck.

Note: Failure to abide by the Ground Preparation Guidelines, including but not limited to improper construction of structure; use of the AGGTE Decking Products beyond normal use, or in an application not recommended by AGGTE Decking; movement, distortion, collapse or settling of the ground (concrete slab) or the supporting structure on which the AGGTE Products are installed etc. may completely void the warranty of the AGGTE product. Please refer to attached warranty declaration for complete information regarding the warranty.