



Fixing ModWood over concrete

Subject to local building codes, ModWood decking may be fixed over concrete, provided the concrete is in good condition and there is adequate “fall” to assist drainage.

Battens (typically made from treated pine, steel, aluminium or fibre-glass) need to be an absolute minimum of 50mm in height, and would typically be approximately 50mm in width. ModWood itself is not to be used as a batten or support. If necessary, the battens may be tapered to keep the deck level. The deck perimeter must not be enclosed.

Note;

- It is good building practice not to have direct contact between the sub frame and the concrete slab. Raising the sub frame off the concrete or tiles will improve ventilation, enable the sub frame to dry and therefore won't transfer moisture to the decking.
- A minimum 6mm gap (side-by-side) is required between decking boards when installed onto battens at less than 150mm clearance over the concrete slab – please note that this is extremely important.
- Use of KlevaKlip ModWood decking clips is permissible for installs that are less than 150mm clearance over concrete slab, however:
 1. The sub frame must not be in direct contact with the concrete slab
 2. There must be sufficient clearance between the sub frame and the concrete slab to enable unrestricted drainage of water
 3. The deck perimeter must not be enclosed.
- The sub frame must be attached to the concrete slab; it cannot be floating, so to ensure that the deck is held in position.
- Battens should always run in the direction of “fall” of the concrete and must not retain water under the deck.

Note: - ModWood Technologies P/L does not in any way accept responsibility for the suitability, stability or moisture resistance of the battens, fixings or the actual concrete used when fixing ModWood over concrete.

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