

NewTechWood Screening Installation Guide

V2022/AU

NewTechWood®

IMPORTANT:

READ ALL SECTIONS BEFORE YOU START

For the most up to date information, please visit our website @ www.newtechwood.com.au

NewTechWood screening profiles are designed for decorative and privacy screening applications only. They are NOT RECOMMENDED TO BE USED FOR THE FOLLOWING:

- Safety Balustrading
- Structural Elements
- Applied directly to solid surfaces

Expansion & Contraction:

NewTechWood Screening will expand and contract in length with changes in temperature, due to the nature of the composite material. This is normal behaviour of any wood plastic composite and is not a product fault. It is important to take this into proper consideration before installing. The amount of expansion and contraction you experience is dependent on several different factors including:

- Temperature at the time of installation.
- Length of board. The longer the length the more expansion; shorter the length, less expansion.

Fixing to Timber

1. Stainless Steel 8g x 50mm or 10g x 65mm composite screws are recommended for fixing NewTechWood Screening profiles to timber posts..

2. Pre-drill and countersink all holes to avoid mushrooming. It is recommended to drill holes slightly larger than the screw to allow for any expansion and contraction.

Fixing to Metal

1. Stainless Steel 10g x 40mm self-tapping screws are recommended when fixing NewTechWood Screening profiles to metal posts.

2. Pre-drill and countersink all holes to avoid mushrooming. It is recommended to drill holes slightly larger than the screw to allow for any expansion and contraction.

Thermal Deflection

Due to the nature of wood plastic composites, NewTechWood Screening profiles may show a slight deflection between posts when in direct sunlight.

This is generally caused by heat exposure to one side of a board as opposed to the other. The extent to which this occurs is dependent on several factors including ambient air temperature. This phenomenon is not considered a product fault.

NEWTECHWOOD SCREENING SPAN TABLE

Profile	US06 138mm x 15mm	UH55 56mm x 30mm
Single centre to centre maximum span (horizontal installation)	800mm	1200mm
Continuous centre to centre maximum span (horizontal installation)	800mm	1200mm
Maximum span between rails (vertical installation)	800mm	1350mm
Minimum distance from edge of boards for fastening	15mm	15mm
Number of fasteners per fixing point	2	1
Minimum clearance from rear wall	30mm	30mm
Minimum gap spacing between boards	2mm	5mm
Minimum ground clearance	50mm	50mm
Minimum clearance from end of board to fixed structure	5mm	5mm
Minimum end to end butt joint	3mm	3mm
Maximum overhang	25mm	150mm



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