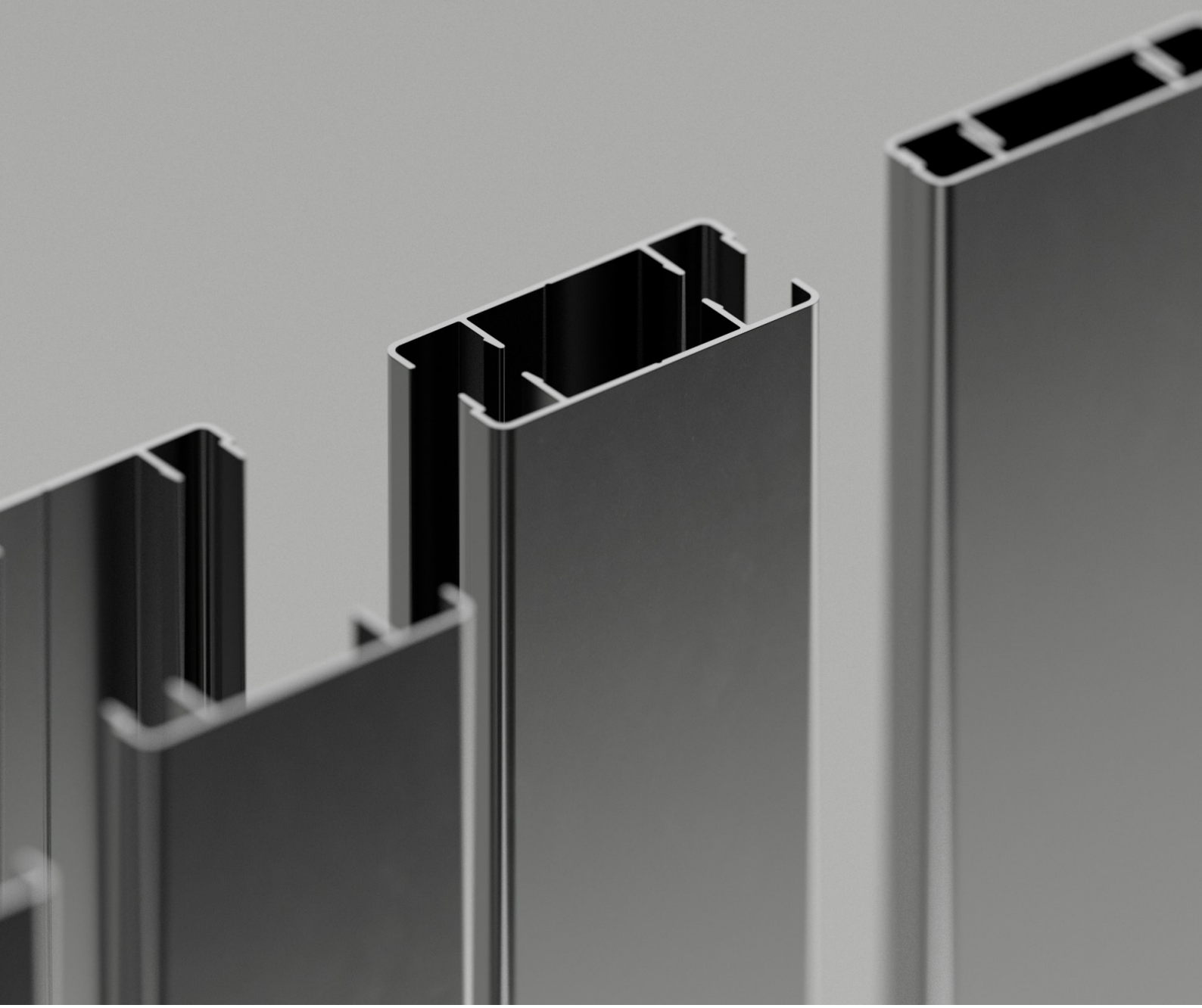


KNOTWOOD™

Quick Start Guide.

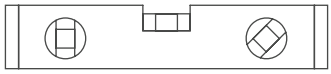
Flip Battens

V09.2025

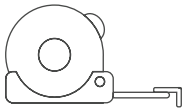
Before Installation.

You might need the following tools.

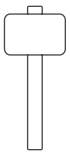
Screws



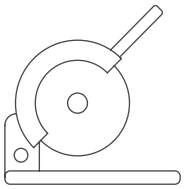
Level



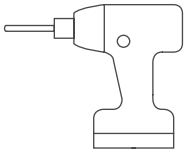
Measuring Tape



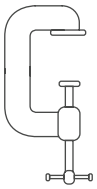
Rubber Mallet



Drop-Saw



Impact Driver/Drill



Clamp

Pre Installation Checklist.

☐ Delivery Inspection.

- Check packs for freight damage on arrival.
- Report any damage to your Knotwood rep within 24 hours.

☐ Unpacking.

- Cut nylon straps and remove the outer wrap.
- Check ends of the profiles and trim if required.
- Take care not to scratch the coated material during handling.

☐ Cutting Tools.

- Compound mitre saw (Aluminium multi-tooth blade)

☐ Fasteners.

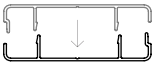
- Use 304 or 316 grade stainless steel.
- In non-marine zones, hot-dip galvanised fasteners may be used.
- The use of an insulating barrier, a rubber or neoprene washer is required.

Solution Profiles.

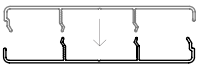
Flip Battens.

The Flip Batten features a universal profile, allowing it to flip and connect onto itself, forming a rectangular hollow box section upon completion.

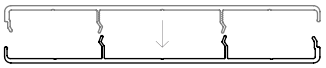
KEF3816
Flip Batten - 1 1/2" x 5/8"



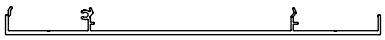
KEF6516
Flip Batten - 2 9/16" x 5/8"

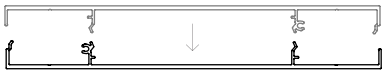


KEF10016
Flip Batten - 4" x 5/8"



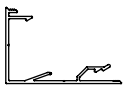
KEF15016
Flip Batten - 6" x 5/8"

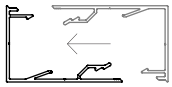




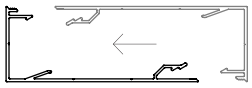
KEF20025
Flip Batten - 8" x 1"

KEF5025
Flip Batten - 2" x 1"

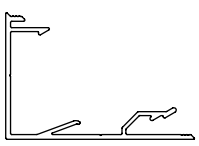


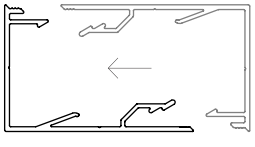


KEF6040
Flip Batten - 2 3/8" x 1 9/16"



KEF10040
Flip Batten - 4" x 1 9/16"



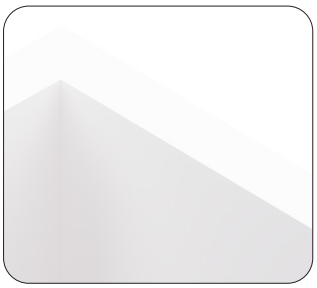


KEF10075
Flip Batten - 4" x 3"

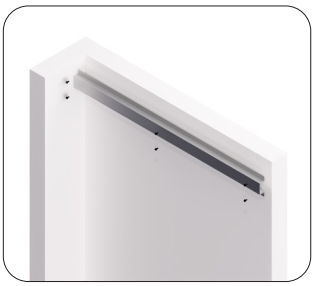
Installation.

Support Surface Preparation.

OPTION I



OPTION II



For optimal installation, we recommend that the support surface includes a substructure that assures the appropriate support and attachment of the flip battens solution. This may include; top hat section, metal hollow sections or timber sections.

Assembly Instructions.

Step 1.

To begin, cut the Flip Batten length to the desired size and secure it with the correct fasteners to the sub-structure.

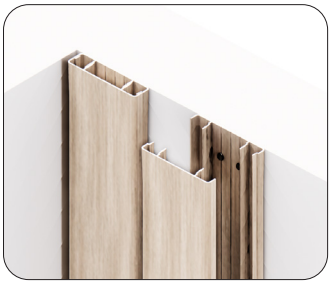
Step 2.

Once the first half of the Flip Batten is secured, prepare an identical length to act as the cover. Position this cover so the outer upstands face each other, angle one side into place, and press firmly until the flip profiles click together.

Installation.

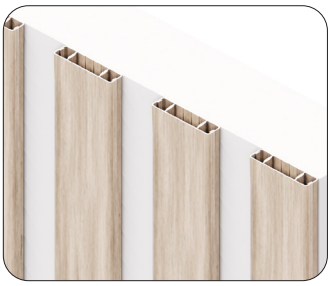
Assembly Instructions.

Step 3.



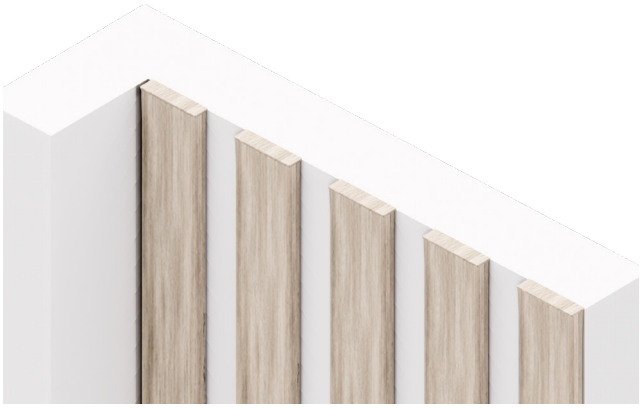
After completing the first batten, continue with the next Flip Batten. Ensure the spacing gap is measured and set correctly to suit the overall screen span.

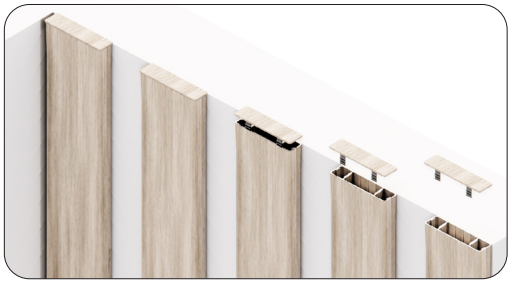
Step 4.



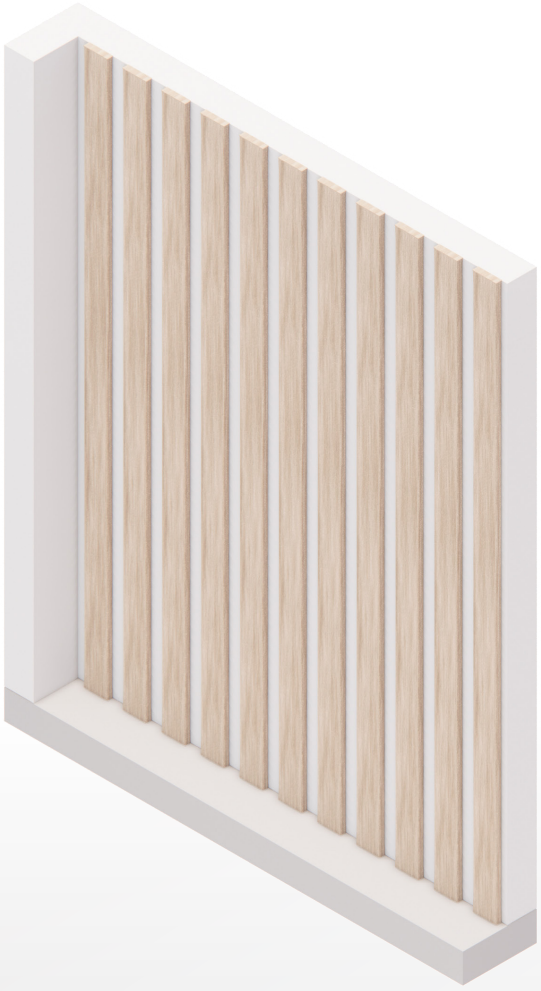
Continue installing the Flip Battens in the same way until the entire sequence is complete, making sure the spacing between each component remains consistent.

Endcaps





If the top or bottom batten ends are exposed, use the purpose-designed end caps. These can be tapped into place and, if required, secured with an appropriate metal adhesive.
Disclaimer *- For all commercial installations, please be advised that endcaps must be secured to Knotwood aluminium battens using* ***mechanical fasteners****. This mandatory practice is essential for countering the effects of thermal expansion and contraction, ensuring the durability of your commercial project.*



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