KNOTWOOD®

Quick Start Guide.

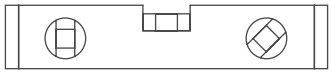
Geoline Balustrade

V07.2025

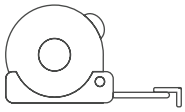
Before Installation.

You might need the following tools.

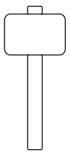
Screws



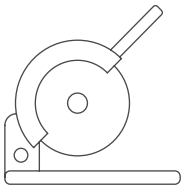
Level



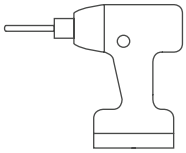
Measuring Tape



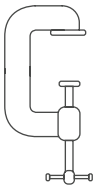
Rubber Mallet



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.

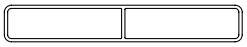
- Use 304 or 316 grade stainless steel.
- In non-marine zone, hot-dip galvanised fasteners may be used.

Solution Profiles.

Rectangles.

KES3816
Geometric - Slat -
1 1/2" x 5/8"

KES6516
Geometric - Slat -
2 9/16" x 5/8"

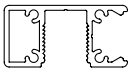


KES10016
Geometric - Slat -
4" x 5/8"

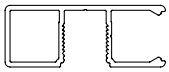
KES15016
Geometric - Slat -
6" x 5/8"

U Channels

KESC3030
U Channel - 1 Way -
1 1/8" x 1 1/8"

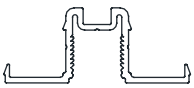


KESC2550
U Channel - 1 Way -
2"



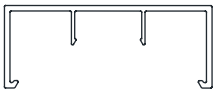
KESC2565
U Channel - 1 Way -
2 9/16"

Handrails.



KESHM
Handrail - Clip
(M)

KESHFO
Handrail -
Rounded (F)



KESHFR
Handrail -
Rectangle (F)

Infills.

KEIS
Infill - 3/4"

Spacers.

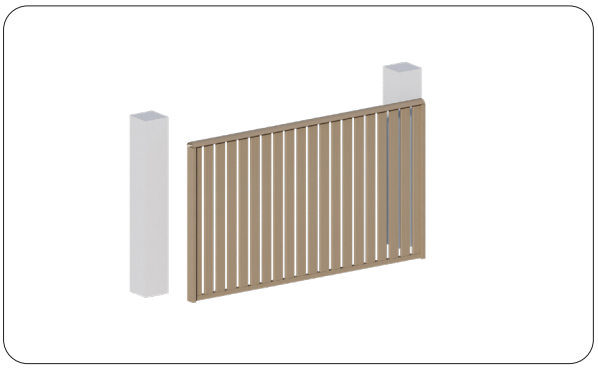
KASS08
Spacer - 5/16" (100)

KASS16
Spacer - 5/8" (100)

KASS24
Spacer - 1" (100) pack)

Installation.

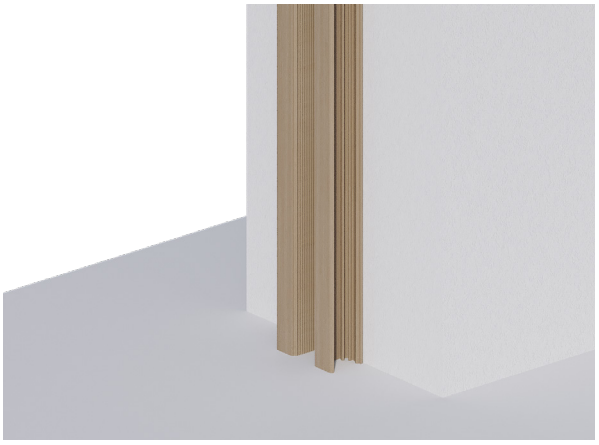
Support Surface Preparation.

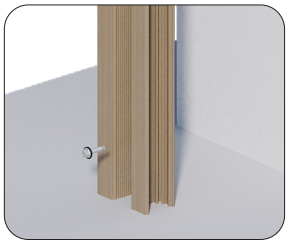


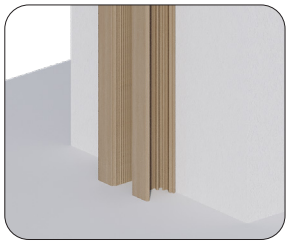
Ensure the existing support structure are structurally sound, level, and suitable for fixing prior to installation.
Ensure suitable fixings are selected for the specific framing material and subframe construction.

Assembly Instructions.

Step 1.

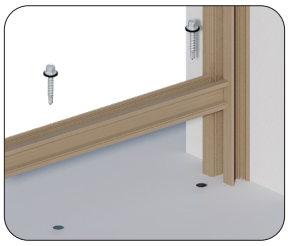






First, securely fix one side using **KESC2550** to the pre-existing post structure using appropriate fasteners suitable for the supporting material. Ensure the connection is properly aligned.

Step 2.



Align the following profile, **KESC3030**, ensuring the channels meet and are properly aligned to maintain a consistent fit.

Installation.

Assembly Instructions.

Step 3.

Insert and secure the first slat into the frame using suitable fixings to fasten both channels securely. Once fixed, enclose **KESC5025** with **KEIS**.

Step 4.

insert all slats into system using selected spacers to seperate each one with even and consistent spacing.

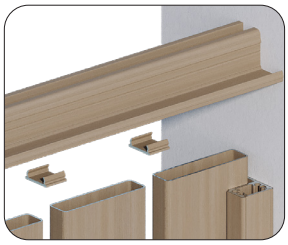
Step 5.

Fasten all slats securely within the frame using appropriate fixings. Once installed, cover with infill KEIS,

Installation.

Assembly Instructions.

Step 6.



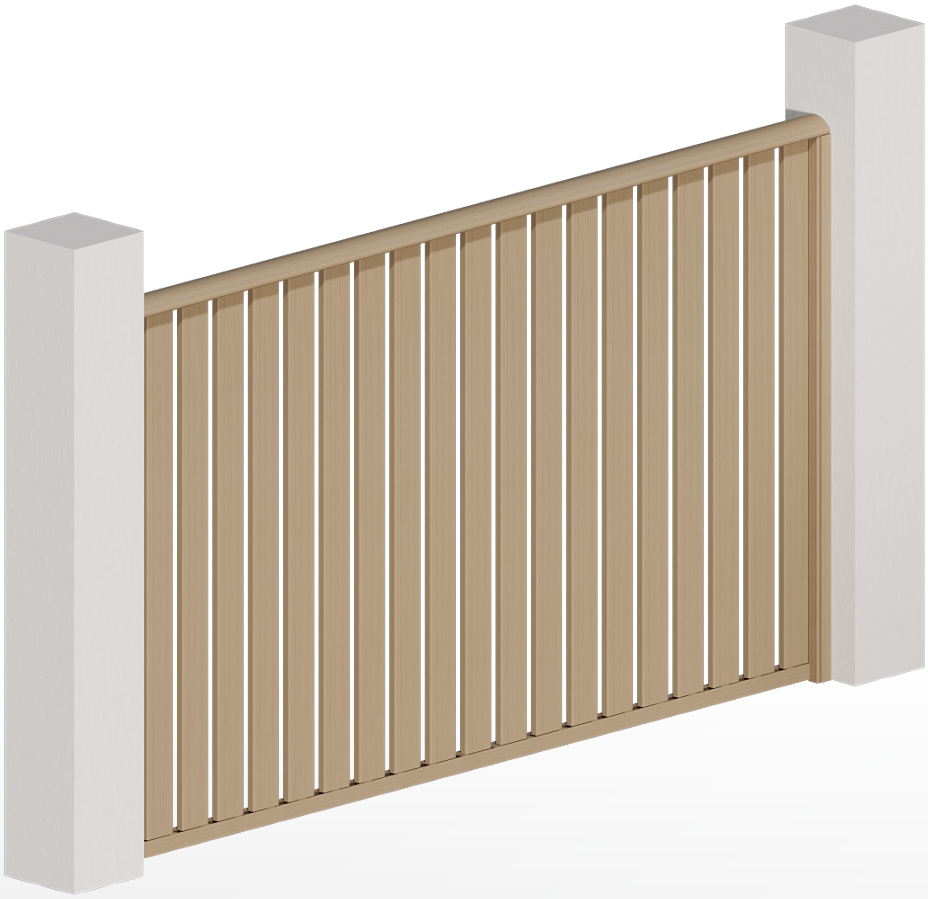
Place spacers into the gaps between the slats, positioning them within **KESHM** as required. Once correctly positioned, clip the profile into the system.

Step 7.

Then secure the profile using suitable fasteners, ensuring it is firmly fixed to provide adequate structural support

Step 8.

Then clip **KESHFO** onto **KESHM**, ensuring it is fully engaged and securely fitted, completing the system.



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