KNOTWOOD™

Installation Pre-Check

Note: These instructions are provided by Parallel Rep and prepared for persons experienced in the field of aluminum, construction and railing installation and assume a foundational working knowledge of the tools and application process. It is highly recommended that Knotwood be installed by an experienced professional. **IMPORTANT! Before starting the install:**

- Check the delivery is complete and everything has arrived in good condition.
- Inspect product prior to application. Knotwood is not responsible for the installation of blemished or damaged product.
- Plan your install for best yield and finished appearance.
- On wood finishes understand the repeating pattern to ensure a satisfactory overall appearance.
- Use appropriate PPE (personal protection equipment). Cutting metal on a compound mitre saw increases risk of eye injury, USE EYE PROTECTION.

How is Knotwood cut and what tools will I need:
A compound miter saw and/or a small table saw with a blade for non-ferrous materials must be used. Blade examples are:
Dewalt DW 3217-10" 80T non-ferrous metal cutting blade
Dewalt DW 3229-12" 80T non-ferrous metal cutting blade

An appropriate hole saw up to 4" diameters and a jig saw for larger holes will be required. Protect surface prior to cutting holes.

Cutting Tips
Knotwood is a finished material, complete upon install. A proper amount of care, as with any prefinished product, will result in a premium quality installation and a lifetime of maintenance free enjoyment.

All Knotwood profiles are produced a minimum of 1" longer than the spec'd length, specifically allowing the trimming of ends on woodgrain color installations. Always cut off taped ends.

We recommend taping the face of the trim saw surface as well as the table saw surface to prevent marring and scratches.

Cut face up whenever possible.

Expansion/Contraction
The expansion coefficient for aluminum will create movement in length of 1/4" (5.6mm) on a piece of aluminum when exposed to a temperature change of 86 degrees F (30 C). For example, if a full length 18' (5.8m) of Knotwood is installed at 46 degrees F (8 C) and the temperature increases to 100 degrees F (38 C) each end will have moved 1/8" or just under 3mm. If the temperature drops 100 degrees F (38 C) the piece will "shrink" by this same amount.