

ABODO DECKING TECH SPECS



All Abodo designs are FSC® certified

Declare.™



All Abodo designs are Red List Free



Abodo Vulcan Decking
CLEAR

OVERVIEW:

- Abodo Vulcan Decking is created from thermally modified New Zealand plantation timber.
- *Natural Stability:* the thermal modification process gives the material an enhanced stability, reduced resin content, and is a beautiful homogeneous brown color. The premium grade, reeded face has little to no corrosiveness to most metals and can be coated on site.
- *Forest Stewardship Council (FSC®) Certified: FSC® Mix Credit:* a guarantee that forest products come from responsibly managed sources, including forest management and chain of custody.
- *Red List Free:* free from Red List chemicals as required by the Living Building Challenge.
- *Built to Last Warranty:* Vulcan Decking is covered by a 25 year Warranty (subject to terms and conditions).
- It's treated with an organic preservative system that includes water repellent for superior durability.
- Abodo Vulcan Decking finished with 1-coat of CLEAR Protector Oil on all 4 sides by reSAWN. The second coat of finish needs to be applied on site by the installer post-install.
- reSAWN TIMBER co. does NOT seal any ends prior to shipment. As a result, all ends, field cuts and exposed wood MUST be sealed using a treated sealer. Contact reSAWN for more information.

Disclaimer: Project and product photos are meant to be a general guide to product appearance only. Due to our handcrafted process and wood being a product of nature, the color, grain pattern, character and profile will vary between individual boards on a project and will never be an exact match. Images shown with 2 coat application. Colors are subject to natural weathering - contact reSAWN for weathering guidelines.

SPECIES:	THERMALLY MODIFIED RADIATA PINE
GRADE:	Premium Grade (see usage guide for additional details)
APPLICATIONS:	Decking
STANDARD DIMENSIONS:	+/- 1-1/16" thick X +/- 5-9/16" wide
STANDARD MILLING:	DK16 Decking Profile
OF NOTE:	FSC® Certified 25 yr Warranty Above Ground Low VOC Finish Declare Certified Red List Free

PRODUCT SPECIFICATIONS:

- Wood species: Thermally Modified Radiata Pine (Pinus Radiata).
- Treated with OPX azole-based preservation system. Durability Class 1 (EN350), and suitable for Use Class 3 (EN335).
- Outstanding dimensional stability, resulting in lower maintenance frequency and therefore less coating over the lifetime of the product
- All Abodo wood is produced from well managed sustainable sources including FSC® and other regionally certified woods and reSAWN TIMBER co. holds FSC® Chain of Custody Certification.
- Low carbon footprint: Abodo wood is an environmentally compatible substitute for carbon intensive materials.
- Environmentally compatible: 100% recyclable and reusable, naturally renewable.
- Warranty: 25 years against fungal decay and termite attack - terms and conditions apply.
- Approx. 12% MC (at time of despatch from factory).
- Hardness: Low (562 lbf) Janka.
- Compatibility: Vulcan has little or no corrosiveness on most metals (equivalent to untreated softwood) and can be placed in contact with most building materials. Normal PVA, PU, MUF glues and RF resins can be used.
- Width expansion approx 3%, length expansion approx 0.25%, thickness expansion approx 1.5% change in surface* variation may occur between boards. (*Indicative tangential movement from 'dry' 12%MC to 'wet' fiber saturation approx 25%MC).
- Weight: 2 lbs/sf (light weight decking)
- Thermally modified pine is resistant to most wood boring insects.
- Low VOC (85 g/L and under)
- ASTM D4442 - Moisture Content

PRODUCT HANDLING:

- Prior to installation, keep decking boards dry and out of the weather or under plastic wrap, elevated minimum 4 in. off the ground on dunnage.
- During installation wear safety glasses, gloves, safety footwear and ear protection as appropriate.
- When cutting, do not breathe in wood dust- always wear a dust mask.
- Preservative treated Vulcan should be disposed of in lined landfill or burned in an approved industrial furnace only.
- Consult with a design professional, engineer or architect when building a deck with elevated or critical structural elements.
- Adhere to local building code and construction standards in all cases.

MAINTENANCE:

- Wash down regularly (at least every 6 months) with mild detergent, warm water and soft brush.
- All wood will go grey after extended exposure to the weather. To maintain color use a brown pigmented deck stain and re-apply on a regular basis.
- Surface cracking or 'checking' may occur after exposure to the weather, this can be reduced by using a quality decking stain and by installing boards with ribbed face up.
- Re-apply coating as required every 12-18 months.
- Mold growth will occur on timber, especially in high humidity conditions, for heavily soiled or moldy areas use Abodo Rejuvenator, similar timber cleaner or oxygenating cleaner then apply long acting mold inhibitor.
- Contact reSAWN TIMBER co. for more information on maintenance and weather of products.

APPLICATIONS:

- EXTERIOR decking

FINISH SPECS:

- +/- 1-1/16" thick X +/- 5-9/16" wide
- Premium Grade
- Finished with 1-coat of CLEAR Protector Oil on all 4 sides by reSAWN. The second coat of finish needs to be applied on site by the installer post-install.

INSTALL GUIDELINES:

- Contact reSAWN at 215-709-2001 or info@resawntimberco.com

GRADE

- Some minor natural characteristics allowed.
- Vulcan is still a natural product, variation in color and characteristics are to be expected

POSSIBLE LEED CREDITS

- SS5 - Heat Island Reduction
- MRC1 - Building Life- Cycle Impact Reduction
- MRC2 - Building product disclosure and optimization - environmental product declarations
- MRC3 - Building product disclosure and optimization – sourcing of raw materials
- MRC4 - Building product disclosure and optimization – Material Ingredients
- MR 7 - Certified Wood (FSC)
- IC1 Innovation

PACKAGING AND FREIGHT:

- All shipments are carefully packaged on 16' pallets (Not boxed or bundled)

STANDARD DIMENSIONS & MILLING:

