

ABODO DECKING TECH SPECS

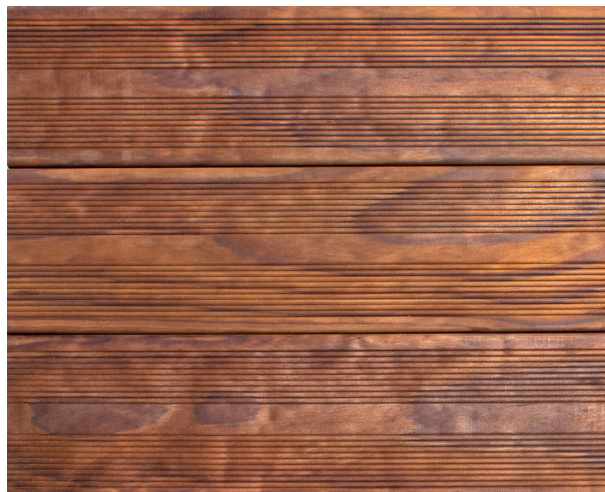


All Abodo designs are FSC® certified

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 is finished with 1-coat of CLEAR Protector Oil on the face only, and sealed on back & 2 long edges. 1-coat of finish is factory applied; the second coat needs to be applied to the face only 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.** We recommend [Cut-N-Seal Treated End 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 a 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 decking 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 *Wet & Forget* Outdoor Cleaner.
- 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.

GRADE

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

INSTALL GUIDELINES:

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

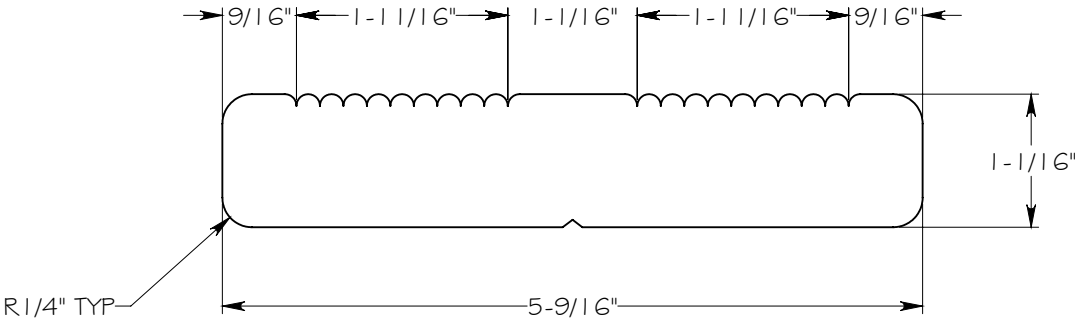
POSSIBLE LEED CREDITS

- 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:



Abodo® is a registered trade mark owned by Abodo Wood Limited.

ABODO® PROTECTOR OIL WATER BORNE IN CLEAR- TECH SPECS

OVERVIEW:

- A water borne, penetrating timber finish that will nourish and protect external timbers.
- Abodo's Protector Oil uses the latest in water borne oil technology combining refined plant oils, UV protection, advanced water barrier composition and an enhanced fungicidal package for superior exterior performance.

USES: Decking

PRODUCT SPECIFICATIONS:

Ingredients: Water, refined plant oil, medium oil alkyd, zinc & lead free driers, low VOC co-solvent, moldicide, earth oxide pigment.

VOC content: <85g/L.

Coverage: (Approximate only).

- 1st COAT: 40 sf per liter (160 sf per 4 liter container)
- 2nd COAT: 90 sf per liter (360 sf per 4 liter container)

PRODUCT HANDLING:

- Store with lid tightly closed in a cool place with ambient temperature min 41°F - max 104°F.
- Clean up with water. Keep out of drains and waterways.
- Soak cloths in warm soapy water, rinse and hang to dry as they may self ignite if left unattended.
- Keep out of reach of children. Use in a well ventilated area. If swallowed, seek medical advice.

FLASH POINT:

>140°F. (Non-DG for transport).

Full SDS available on request.

INSTRUCTIONS for applying 2nd coat of CLEAR Protector Oil to finished Abodo Vulcan Decking:

Abodo Decking is finished on face only, sealed on back & 2 long edges with 1-coat of CLEAR Protector Oil by reSAWN. The second coat of finish needs to be applied on site by the installer post-install.

SITE CONDITIONS:

1. Ensure timber surfaces are clean, dry and free from saw dust or metal filings. DO NOT apply oil to timber where the moisture content is above 16%.
2. Only work when weather conditions are dry. Make sure the weather will remain without precipitation for at least 48 hours to allow the coating to dry.
3. Never apply in direct sunlight or at temperatures under 41°F (5°C).
4. Do not cover and do not place heavy objects on the wood until completely dry

APPLICATION:

1. Shake/stir finish well prior to and during use ensuring all pigment is agitated. Do **not** thin product.
2. All ends, field cuts, and exposed wood MUST be sealed using a treated sealer. We recommend [Cut-N-Seal Treated End Sealer](#). Contact reSAWN for more information.
3. Back side of materials have been finished by reSAWN and do not require additional coating.
4. **SECOND COAT:** Second coat should be applied post-install. Apply one thin even coat with a brush or applicator pad to the face of the planks. Maintain a wet edge to avoid lap marks. Start with a less visible area and test to establish technique.
5. **OF NOTE:**
 - This is a penetrating stain, unevenness in the timber grain, surface preparation and or application will result in differential appearance. Apply evenly and do not allow overlapping areas to dry during application.
 - Abodo's Protector Oil requires a minimum of 2-coats of finish. Failure to apply to second coat will result in voiding the warranty.

PACKAGING:

- 4 liters
- 10 liters (special order - subject to availability)