

Frequently Asked Questions (FAQs)

What is the advantage of using wood floors?

Wood have been a choice of building material for mankind over centuries because not only that its natural character are easy to work with, but also its sources are sustainable for generations as long as replanted. Just as essential, wood gives an ambience of warmth and life to the human touch, especially against cold temperatures within any living spaces. In addition, unlike carpets, hardwood floors does not harbor

Where is Dekael engineered flooring made?

Dekael engineered flooring is manufactured in a small industrial town called Semarang located in Central Java, Indonesia.

How does Dekael engineered flooring sources it's material?

Dekael engineered floor strictly uses sustainably harvested wood sourced from the Indonesian government enterprise called Perhutani, which owns and manages well over 5 million hectares of teak plantation throughout the island of Java, as well FSC certified forests from around the world.

Is Dekael engineered flooring environmentally friendly?

Dekael engineered flooring is available in TFT (Tropical Forest Trust) and FSC (Forest Stewardship Council) certified. The FSC designation means that certified products have been harvested in a FSC-certified forest, are manufactured with 100 percent FSC-certified material and are distributed and sold through an FSC Chain of Custody (CoC) certified distribution channel.

Does FSC certified materials quality for LEED MR Credit 7?

Yes, Dekael's FSC materials product contribute to MR Credit 7 : Certified Wood.



What is the FSC?

The Forest Stewardship Council is an independent, non profit organization of individuals who promote the responsible management of forest around the globe. They are non-governmental, and their list of requirements is decided by group consensus. They were established in 1993 to address exploitation and mismanagement of forest, and to emphasize their social and ecological value. Certification ensures that companies that work in forested areas share and maintain FSC's core values.

How is Dekael engineered flooring made?

Dekael engineered flooring are built having 3 multiple ply layers (Lamella, Core & Back) that are cross layered, glued and pressed together. The inner core layers are generally built up with either a hardwood and/or soft plywood type of material, which incorporates the tongue and groove system. The 3mm, 4mm, and 6mm top veneer wear layer called Lamella is then glued using B4 exterior use adhesive and pressed on the top surface of the core.

What is the moisture content (MC) in Dekael engineered flooring?

The moisture content of the Dekael engineered flooring is 10-12%.

What is the benefit of using Dekael engineered flooring?

The benefits of using Dekael engineered flooring include more resistance to termite attacks. In addition, its engineering type construction offers higher resistance to moisture levels than solid wood flooring, which adds to their appeal to use in damp basement or in regions of the country that have higher relative humidity levels and can be direct glued-down over (dry) concrete slabs above or below grade or stapled or nailed-down over a wood sub floor.

What are the available sizes of Dekael engineered flooring?

Dekael engineered flooring comes in 125mm, 180mm and 225mm width and 15mm and 18mm thickness with a 3mm, 4mm, and 6mm wear layer that can be re-coated, sanded and refinished up to 1-4 times making them new again. These thicker wear layer engineered floors can last from 40-80 years before having to be replaced which add to their appeal.



What are the available construction types of Dekael engineered flooring ?

Dekael engineered flooring are available in low emission (E-Zero) and insect treated plywood base, as well as economical lumber core construction types.

What type of process is issued to produce the Lamella or top surface veneer?

Floorings are manufactured where the top surface wear layer is sliced/sawn cut from the log like solid wood flooring. Engineered hardwood flooring that has a sliced/sawn cut wear layer shows the truer natural look of the wood and finer graining. Sliced/sawn cut engineered flooring also allows a thicker wear layer.

What's the advantage of using an Dekael engineered flooring over solid flooring types?

Dekael engineered floors can be installed in areas where there is slightly higher relative humidity level. Our engineered type wood flooring construction is more stable and is a great choice to use in summer homes where the indoor temperature changes significantly when no one is there. Because manufacturing engineered flooring does not waste valuable prized wood below it's wear layer, purchasing engineered flooring also helps conserve our plantation forest.

Can I use Dekael engineered flooring in my basement?

Yes, as long as the moisture content of the concrete does not exceed 4%. Basement are known to have higher relative humidity due to being under the ground with the use of a 4-6mm plastic vapor barrier in any areas where there is a slightly higher conditions.

Can I install Dekael engineered flooring over other floor coverings such as vinyl or tile?

Yes, as long as the other flooring is a hard surface secured well and is flat. However, it cannot be installed over carpet.

Can I glue down an Dekael engineered flooring over my concrete slab that is on grade?

Yes, you should make certain that your slab is dry and the moisture content does not exceed 4%. Again, depending on your particular situation we may recommend using a floating engineered floor.



How is Dekael engineered flooring compared to other engineered flooring brands?

We only use premium quality teak, oak and walnut wood along with high grade, stronger bonding glues for our ply layers. Our drying, pressing and precision milling quality ensures the finest plank flooring quality.

How much Dekael engineered flooring do I need to order? Why do I have to add 5-10% to my actual site measurement?

It is important to remember that all manufactures recommend adding extra flooring to your actual square footage. This added flooring is recommended to cover boards for cutting and fitting during the installation process. It provides flexibility for those boards that you may not want to use, that may have gotten by the inspection process at the factory. If you want to run the flooring at a 45 degree angle in the room then you would want to add approximately 15% for a waste factor for the added cutting waste.

Are there different styles of Dekael engineered flooring?

Yes, aside from our distressed collections Dekael engineered flooring is also available in open pore type finishes that are available, with the possibility of small pinholes and knots. What is extremely popular nowadays is a rustic look.

What are the benefits of using Dekael engineered flooring rather than unfinished floorings?

Purchasing pre-finished Dekael engineered flooring eliminates the time consuming chore of the sanding and refinishing and gives you the added benefit of a perfect finish all done for you at the factory. Using pre-finished flooring allows you to move right back into the room after installation. No waiting for days while the finish is being applied and drying. However, if you or your clients prefer a custom applied job site finish, we do offer unfinished planks.

What type of coating finishes does Dekael engineered flooring offers?

Dekael engineered flooring are available in Bona UV Acrylic and Woca natural oil finishes.



What is the Janka Wood Hardness Rating?

Janka Wood Hardness Rating is a relative mensuration of the wood's impact-resistance and wear-resistance, an evaluation of its hardness. The higher the rating, the harder is the species of wood.

Applications Of Janka Wood Hardness Rating?

Janka Wood Hardness Rating being the numerical internal representation of the wood's enduringness (its ability to defy denting and wearing) it is easy to pick out a wood-species depending on the utilization it is being put to. Thus, softer woods with lower valuations will not be conniption for floor-utilization as it will dent and mule easily. You will call for high- ranged durable wood for high-traffic floorings. Even engineered floor stuffs can be ranged by Janka testing. Janka Wood Hardness Rating is a good index how easy or difficult it is to hammer a nail into the wood or to chop it down with a byword and this is certainly a great aid for many do-it-yourselfers.

How Is The Rating Done?

Janka Wood Hardness Rating is done by project the Janka metal test, which regards measuring the amount of military unit (in lbs per square inch) asked to drive in an 11.28 mm (i.e., 0.444 in) steel ball to half its diam into the wood sample. A series of metal testings are carry oned and average outed to come at the correct rating. (These metal testings include sampling plain-sawn and quarter-sawn wood stuffs).

