

LAMISITE

ENGINEERED MERANTI FRAMES (EMF)

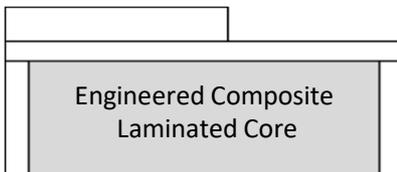
Engineered Meranti Frames (EMF) is composed entirely of kiln-dried, select grade, red Meranti timber and is constructed from solid strips being laminated together. Due to this composite construction, not only is EMF has a superior strength to solid timber, but also perfectly straight, structurally stable and durable. Since EMF is indistinguishable from solid timber, it is logically the best material for the production of door and window frames.

Key Strengths:

- Indistinguishable from solid Timber
- "Gun-Barrel" Straight
- Stability of a composite structure
- Strong "Green" credentials
 - Materials sourced from recovery timber
 - Mainly forests & mills' residue
 - Timber as a renewable resource

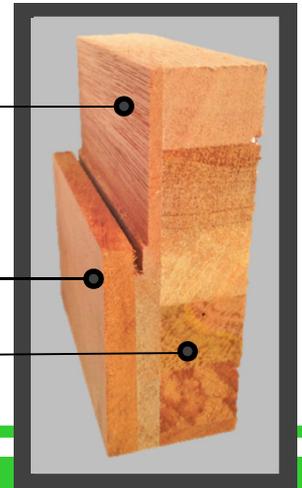
What is Engineered Timber?

Engineered timber is the latest technology for window, Door and other framed structures. The timber is composed of several layers of dimensional wood glued and laminated together with European standard adhesive. By doing this, a single structural member can be made, making the timber stronger and more environmentally friendly. These technological advances have brought the suitability and performance of timber windows and doors to the modern day



Outer Shell
(Visible Portion)

Finger Jointed Core
(Hidden Portion)



Advantages of Engineered Wood Products:

1. Layers of chemically treated and kiln seasoned wood permanently bonded together, which significantly minimizes excessive shrinking and settling. This is in contrast to standard, untreated timber, which naturally expands and contracts in different environments.
2. Stronger, longer lasting, termite and borer resistant. As well as better in appearance since all major imperfections are removed.
3. Engineered wood is a man-made and environmentally friendly material. It can be designed to meet application-specific requirements.
4. Engineered wood products are strong, durable and less prone to humidity induced warping and twisting during the wet weather. The cause of windows and doors sticking and jamming.

Timber - Our Engineered timber is manufactured from off-cuts and residue from saw-mills who Legally source from carefully managed forests.

Finishing - Well machined on a Weinig™ Moulder

Lamination - Industrial grade B4 class glue bonding; structurally stronger than its base material

Typical Construction - has no visible finger-joint or lamination lines. Visible areas will be mostly clear with no defects and minimal blemishes

All the above benefits mean that your Timber Frames will remain beautiful for years after installation, which translates into a cost-effective answer to your timber requirements.



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