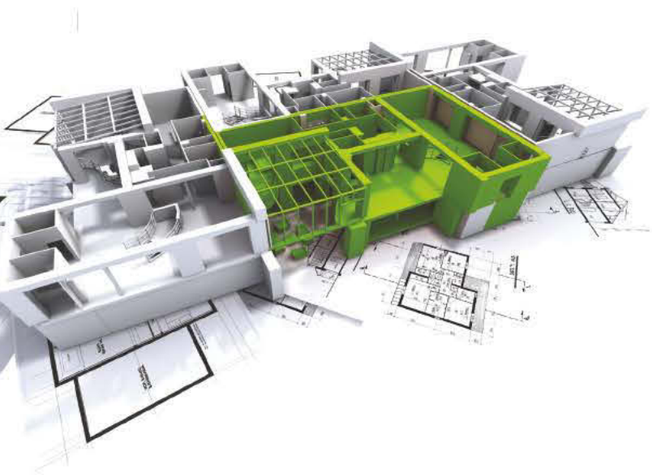




SMARTFRAME DESIGN COMPENDIUM

Design Compendium Contents	Interactive	Printable	PC
Specification Software	✓	✓	✓
- Technical Support	✓		✓
Design Guides (pdf)	✓	✓	✓
Technical Illustrations (dxf/dwg for CAD)		✓	✓
Fixing Details - fixing details/hangers (jpg)			✓
Video Clips - installation/company (mpg)			✓
Software Tutorial	✓		✓



Never before has so much user friendly computer power been unleashed into the hands of building industry professionals to allow the design and detailing of engineered timber products. This software, in conjunction with the SmartFrame Design Centre and SmartFrame engineered timber products themselves, combines to form the most sophisticated structural timber option ever available to the Australian market. The SmartFrame Engineered Timber Solution represents an entirely new and revolutionary concept in the delivery of 21st century technology and service to the building industry.

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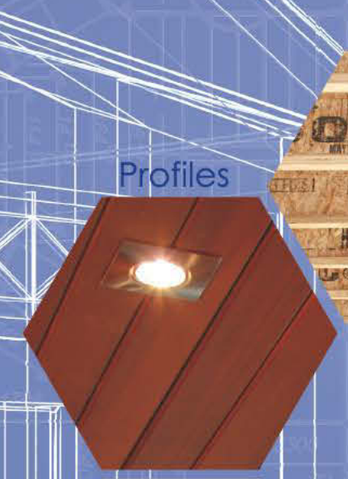
Technical 1300 668 690

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Tilling

SMARTFRAME®
SMART ENGINEERED SOLUTIONS

Innovative Timber Solutions













WOOD NATURALLY BETTER

Edition 1 2011

SMARTFRAME®

SMART ENGINEERED SOLUTIONS

Tilling



SmartLVL Laminated Veneer Lumber

Untreated, H2S and H3 SmartGuard Treated upon request, Formaldehyde Emissions - E0
Depths from 90mm to 600mm
Widths 35, 42, 58mm (75mm - limited depths)
Lengths up to 12m in 300mm increments
Main Uses: Substitute for solid section timber (F17) long length members, engineered timber beams and floor bearers

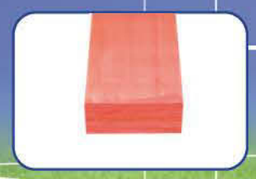


SmartLam Glued Laminated Beams

GL 13
GL 17
GL18
Depths and widths dependant on particular material
Refer to individual Design Guides
Lengths up to 12m in 300mm increments
Main uses: Substitute for stell beam and other long span or heavy loads

SmartJoist

I -Joist with LVL flanges and OSB web
Depths from 200mm to 400mm
Lengths up to 12m in 300mm increments
Main Uses: Floor Joists, Rafters
Untreated or H2S treatment
LOSP H2 available upon request



Red Alert SubfloorBearers and Joists

Sizes 100mm x 45, 63 and 75mm
Permatek 1998 (Bifenthrin) glueline treated H2S
Pack lengths 3m to 12m at 600mm increments
Coated Red for easy identification
Main uses: Bearers and Joists



Smart LVL 18

Cost effective Substitute for F27 Hardwood or GL 18 Glulam Beams
No plating
Superior deflection performance
Similar strenght to F27 hardwood but priced competitively to F17
Complies with Australian Standards AS2082
Durability Class 3

Tilling Timber is one of Australia's largest timber wholesaler/importers. A privately held company, Tilling Timber Pty Ltd was established by the present owners in November 1963 where they started their first operation in Eltham Victoria.



Tilling import and distribute a large range of F5, F7, F8, MGP 10 and MGP 12 Pine Framing, called FrameSmart. FrameSmart products provide the Roof Truss and Framing markets a comprehsive product offering, which can be combined with the structural components found with the SmartFrame product group. The predominat speices available include, Red Baltic Pine, White Baltic Spruce, Douglas Fir and Candian SPF.



Tilling Timber is Australia's foremost solid timber profile woods producer. The manufacturing facility, situated on a 20 acre site located at Kilsyth Victoria, is equipped with the latest 'state of the art' plant machinery. Equipment includes dehumidifying drying kilns with a combined charge capacity of 370 cube metres, hydromat Weinig moulders with a combined capacity on a one shift basis of 65,000 lineal metres, and a unique multi-million dollar continuous pre-finishing line with a capacity of 30,000 lineal metres on a two shift basis.

Tillings product range includes solid softwood structural timbers, solid timber lining & cladding profiles, shingles, shakes, finished mouldings and the latest additiion to our comprehensive range - Architectural Products. Architectural Products ceiling and lining boards are pre-finished with four coats of polyurethane in a satin finish. So once installed, the job is done. No smells, no mess - it's that simple.

SmartPrime™ offers a comprehensive range of architectural designer pre-primed profiles for external use. The SmartPrime™ range of products are manufactured in accordance with all current Australian standards, including the finger jointed and lamination processes. Tilling developed SmartPrime™ because they understand that the cost of timber is not the only consideration when it comes to building a project. The benefits of using SmartPrime™ are easy to see. SmartPrime™ provides a high quality, paint-ready, consistent and reliable range of profiles, sold in lengths that make for convenient





To quickly and easily design a structural member you simply type the required spans and spacings directly into that structural model within the unique data entry screens. You have the option of preparing a full layout with SmartFrame take-off design and completing a take-off as you work. Our state-of-the-art CD-ROM Design Compendium includes our SmartFrame software as well as the convenience of a full technical library. To ensure we provide the support you require, we offer website assistance at www.tilling.com.au, **Toll Free** assistance **1300 668 690** and our SmartFrame on smartdata@tilling.com.au.