



50 YEAR
WARRANTY

Peace of mind with a 25 year
in-ground & 50 year above
ground Tricoya ExDF warranty

EXTERIOR DURABLE FIBREBOARD

www.gunnersens.com.au



These guidelines have been written for professionals wishing to use Tricoya® ExDF to create beautiful, reliable and highly durable end products.



ABOUT THE PANEL

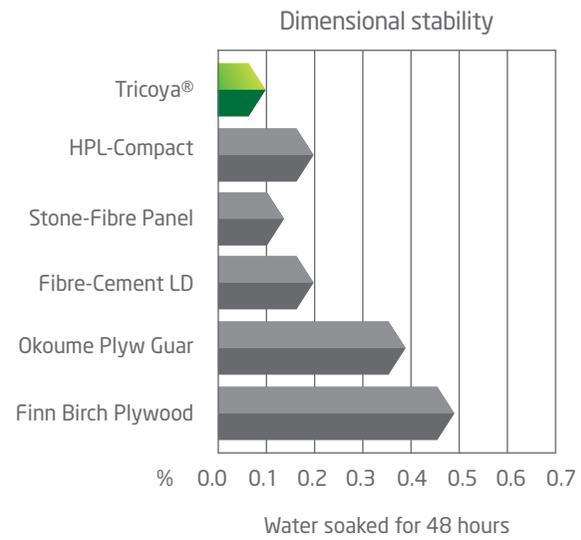
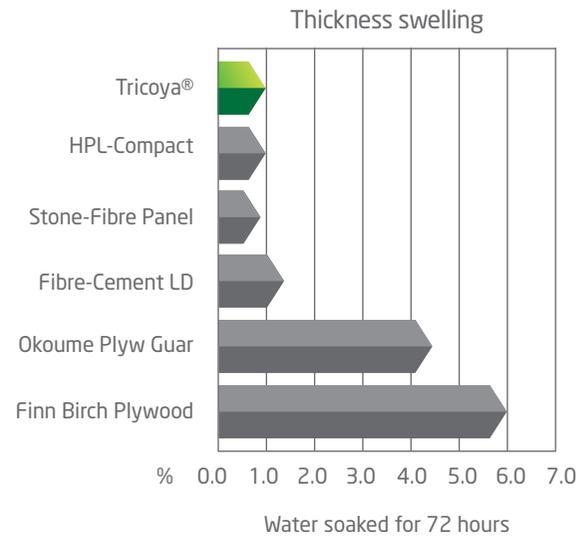
Tricoya ExDF is a completely new, high performance, wood based panel product. It demonstrates outstanding durability and dimensional stability in the most extreme and challenging environments – both exterior as well as interior, wet and high moisture applications. The product uses proprietary acetylated wood technology and a modified fibreboard manufacturing process to create a wood panel product with outstanding durability and stability.

Tricoya ExDF was developed by challenging the most fundamental reason for wood swelling: water absorption onto hygroscopic wood fibres due to the presence of hydroxyl groups. The hydroxyl groups (water loving sites) can bind or release water molecules causing wood to swell or shrink.

Acetylation is a revolutionary sustainable process which increases the number of naturally occurring hydrophobic acetyl groups in the wood cells using acetic anhydride. The process exchanges the hydroxyl groups (chemical formula: -OH) with acetyl groups (chemical formula: -COCH₃) preventing water absorption at these sites, and thus enhancing the dimensional stability and durability of the wood.

Tricoya ExDF has been tested in Australia for fungal decay and termite performance in comparison to durability Class 1 timber in field trials at Humpty Doo, NT and the AFRC Lab, Melbourne. Tricoya ExDF performance significantly exceeds that of other durability Class 1 timber such as Spotted Gum.

PERFORMANCE COMES NATURALLY



FEATURES & BENEFITS



DURABLE

Longer lasting, perfect for outdoor use or wet (interior) environments



FUNGAL RESISTANT

Effective barrier to fungal decay



ENHANCED STABILITY

Swelling and shrinking dramatically reduced



INSECT BARRIER

Tricoya ExDF has been tested in Australia for fungal decay and termite performance in comparison to durability Class 1 timber



NON-TOXIC AND RECYCLABLE

May be safely reused and recycled and is safe to incinerate



DESIGN FREEDOM

All the design, fixing and machining flexibility of medium density fibreboards



SUSTAINABLY SOURCED

Sustainably sourced FSC certified



PERFECT FOR COATING

Improved stability and durability enhances service life of the coating. Damaged coating or core will not affect durability



LOWER MAINTENANCE COSTS

Extended periods between exterior coatings maintenance



KEY PRODUCT APPLICATIONS

- Alfresco kitchens
- Wet area cabinetry
- Shower & toilet cubicles
- Façade cladding/siding
- Fascia/soffit panels
& other secondary exterior applications
- Window & door components
- Door skins
- Wet interiors, including wall linings in swimming pools, bathrooms, changing rooms etc
- Speciality furniture including lockers, cubicles, chairs & tables
- Play frames, tree houses
& exterior composite furniture
- Signage
- Automotive parts
- Sound barriers



WORKING WITH TRICOYA ExDF

Tricoya ExDF can be cut, coated, sanded, glued, machined and fastened the same as any other high performing wood fibreboard – allowing users all the freedom normally associated with MDF but in extreme applications.

PROCESSING

The panel may be cut, machined and used in exactly the same way as other MDF. The Tricoya ExDF panel is delivered with a 150 grit sanded finish and can be sanded with fine sandpaper to achieve a smooth finish.

COATING

Conventional water-based paint coatings may be used to decorate the panel.

FIXING

Always install Tricoya ExDF with stainless steel fasteners & fixtures with A2 or A4 (EN 10088-1) quality or AISI type 304 or 316 when possible.

SUPPLY

Tricoya ExDF is produced in board size 1,220 x 2,440 mm. 15 and 18mm panels are also available in large format: 1,220 x 3,050mm. The available thicknesses are:

- 6 mm
- 9 mm
- 12 mm
- 15 mm
- 18 mm

Gunnensen is the largest independent Australian owned business to business distributor of wood-based panel products, timber and decorative surface materials in Australia.

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Available from:



www.gunnensens.com.au