Ply Fireshield

Substrates Collection

Ply Fireshield is ideal for use where a fire retardant board is required under standards set by SCDF. TÜV SÜD PSB Singapore tested for EN 13501-1, Ply Fireshield achieves the certificate of conformity (COC) for Class B.

Made from fast-growing European plantation wood, Ply Fireshield is FSC certified, lightweight, easy to machine and dimensionally stable.

Thickness	9 / 10 / 12 / 15 / 18 mm
Dimensions	1220 × 2440 mm

Characteristics

Class B Fire Retardant
Meets Class B requirements under standards set by the Fire Safety & Shelter Department in the Singapore Civil Defence Force (SCDF).

Sustainable
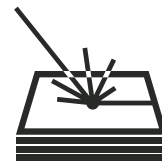Wood from fast-growing European plantations, which are PEFC and FSC certified.

Lightweight
Easy to cut and transport.

Easy to Machine
Suitable for routing complex patterns or shapes.

Dimensionally Stable
Maintains its original dimensions when subjected to changes in temperature and humidity.

Technical
Specifications

Properties	Standard	Unit	Result
Density	EN 323	kg/m³	460 - 520
Modulus of Elasticity (MOE)	EN 310	N/mm²	3.400 - 4.700
Face Screw Holding	EN 320	kgf	135
Moisture Content	EN 322	%	6 - 14

Ply Fireshield
Application Areas

Furniture and Woodworking	
Lamination of Surface Elements (Melamine, Laminates and Foils)	•
Spray Painting	
Easy processing with woodworking tools	•
Excellent grip of fasteners (Screws, nails and staples)	•
Decorative Surface	•
Attractive Edges	•
Homogeneous Appearance Throughout	

Building and Stuctural Applications	
High Moisture and Humidity Resistance	H3
Increased Fire Safety Regulations	Class 0
Termite Resistance	
Climate Sensitive Applications (Ultra Low VOC)	
Horizontal Load-bearing Applications	•
Non Load-bearing Walls, Partitions and Ceilings	•
Formwork	

Other Technical and Industrial Applications	
Door production with increased fire safety regulations	Class 0
Suitable for use in marine vessels	
Temporary Outdoor Exhibitions	•
Packaging Industry	
Signage and Billboards	•
Warehouse Management (Racking)	•

• Recommended