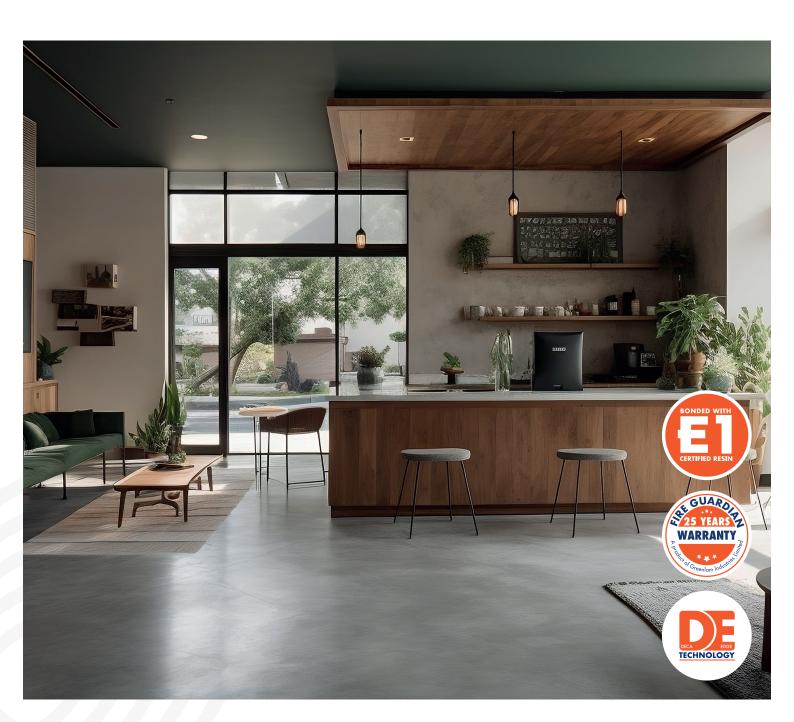




→ THE NO NONSENSE PLY •—





Fire Guardian is the ideal choice for both domestic and commercial purposes due to its strong fire-retardant properties. This grade is ideal for kitchen woodwork, office furniture, and as entrances and exits. Fire Guardian is meticulously crafted to ensure a 25-year warranty and will prove useful in sensitive areas with heavy wiring.

TECHNICAL SPECIFICATION

Thickness in mm	4	6	9	12	16	19	25	
Number of Plies	5	5	7	9	11	13	17	
Fire Retardant	Yes							
Veneer Treatment	preser	Each veneer is treated with preservative before pressing through Vacuum Pressure Technology						
Density approx. in kg per CBM	700	700						
Impact Resistance	High s	High strength & dimensional stability						
Screw Holding Strength (kg)	≥250	≥250						
Nail Holding Strength (kg)	≥105	≥105						
Quad-Core Press	Yes	Yes						
Adhesives of Plies Glue Shear Strength (N) Visual Inspection	≥1620 Excelle							
100% Composed Veneer	,	All layers are pre-composed in an automatic state-of-the-art machine						
Moisture Content (%)	8 - 12	8 - 12						
Specific Gravity (g/cc)	≥0.70	≥0.70						
Water Absorption (%)	<5	<5						
Static Bending Strength (N/mm2)								
Modulus of Rupture (MOR): Along the grain Across the grain	≥55 ≥40							
Modulus of Elasticity (MOE): Along the grain Across the grain	≥8000 ≥4800							
Adhesive	Pheno	Phenolic adhesive						
Emission Norms	Bonde	Bonded with E1 certified resin						
Calibration	100%	100% as per Precision Calibration Technology						

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