

ECO-FRIENDLY PARTICLEBOARD

1700 and 2000 SERIES CABINETRY



IRPINIA KITCHENS STANDARD MELAMINE CARCASES in PLATINUM or CHAMPAGNE, HAVE UNIBOARD PANELS WHICH ARE CARB Phase 2 COMPLIANT WITH REDUCED VOC EMISSIONS < 0.09 ppm.

IRPINIA KITCHENS "GREEN" MELAMINE CARCASES in PLATINUM or CHAMPAGNE, HAVE NU GREEN 2 PANELS WHICH ARE CARB Phase 2 COMPLIANT. THEY ALSO HAVE NO UREA-FORMALDEHYDE ADDED WITH REDUCED VOC EMISSIONS < 0.04 ppm.

M-2		particleboard	
Technical Specifications			
Properties	ANSI A208.1-2009 (Grade M-2)		
	Metric	Imperial	
Moisture content	Max. 10%		
Density range	620-670 kg/m ³	38.7-41.8 lb/ft ³	
Typical density value for Uniboard mills			
Thickness tolerance:			
Between panels	± 0.200 mm	± 0.008 in	
Within panels	± 0.100 mm	± 0.004 in	
Modulus of rupture	13.0 N/mm ²	1,885 psi	
Modulus of elasticity	2,000 N/mm ²	290,100 psi	
Internal bond	0.40 N/mm ²	58 psi	
Linear expansion	< 0.40%		
Screw holding:			
Face	900 N	202 lb	
Core	800 N	180 lb	
Formaldehyde emission	≤ 0.09 ppm (CARB 2)		
Length-Width	± 2.0 mm	± 0.08 in	
Uniboard Particleboard meets the requirements of ANSI A208.1-2009/Grade M-2 Uniboard Particleboard meets CARB Phase 2 standards			

Grade M-2		NU GREEN ²	
Technical Specifications			
Properties	ANSI A208.1-2009		
	Metric	Imperial	
Moisture content	Max. 10%		
Density range	620-670 kg/m ³	38.7-41.8 lb/ft ³	
Typical density value for Uniboard mills			
Thickness tolerance:			
Between panels	± 0.200 mm	± 0.008 in	
Within panels	± 0.100 mm	± 0.004 in	
Modulus of rupture	13.0 N/mm ²	1,885 psi	
Modulus of elasticity	2,000 N/mm ²	290,100 psi	
Internal bond	0.40 N/mm ²	58 psi	
Linear expansion	< 0.40%		
Screw holding:			
Face	900 N	202 lb	
Core	800 N	180 lb	
Formaldehyde emission	≤ 0.04 ppm		
Length-Width	± 2.0 mm	± 0.08 in	
NU Green ² ULEF particleboard meets the requirements of ANSI A208.1-2009/Grade M-2 NU Green 2 ULEF particleboard exceeds CARB Phase 2 standards			



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