FUNDER
BY GENESIS PRODUCTS

TECHNICAL INFORMATION

PHYSICAL PROPERTIES	TEST METHOD	FUNDER TYPICAL VALUES	STANDARDS FOR VERTICAL LAMINATE (LD3-1980)
Wear Resistance Cycles	NEMA LD3-301		
Solid Color		600	200
Woodgrain		200	
Scuff Resistance	LD3-302	NE	NE
Conductive Heat Resistance	LD3-308	NE	NE
Radiant Heat Resistance	LD3-307		
Solid Color		165 Secs	60
Woodgrain		165 Secs	60
Boiling Water Resistance	LD3-305	SL-NE	NE
High Temperature Resistance	LD3-306	SL-NE	SL
Cigarette Burn Resistance	LQ1-311		
Solid Color		360 Secs	No Standard
Woodgrain		520 Secs	
Stain Resistance	LD3-309	Stains 1-23 NE	NE
		24-29 M	M
Light Resistance	LD3-310		
Solid Color		SL	SL
Woodgrain		NE	
Cleanability	LD3-312	NE	SL
Impact Resistance	LD3-303		
Inches Drop		18-20	15

Abbreviations: NE - No Effect SL - Slight M - Moderate

PHYSICAL PROPERTIES	TEST METHOD	FUNDER TYPICAL VALUES	PARTICLEBOARD STANDARDS (ANSII-M-2)
Internal Bond (psi)	ASTM D-1037-72A Sect 28-33	90	60
Dimensional Change	ASTM D-1037-72A		
Lengthwise %	Sect 107-110	0.4	0.35
Crosswise %		0.5	
Flexural Strength	ASTM D-1037-72A		
Lengthwise (psi)	Sect 11-20	2400	2100
Crosswise (psi)		2400	
Modulus Elasticity	ASTM D-1037-72A		
Lengthwise (psi)	Sect 11-20	450,000	325,000
Crosswise (psi)		425,000	
Deflection at Rupture (ins)	ASTM D-1037-72A Sect 11-20	0.2	No Standard
Screwholding	ASTM D-1037-72A		
#10 Surface (lb)	Sect 61-67	300	225
#10 End Grain (lb)		200	200
FLATNESS - Measured with the panel in a vertical plane. Warpage not to exceed 3/8" in 96" length or 1/4" in a 48" width			No Standard

FORMALDEHYDE EMISSIONS - Funder panels are produced in conformance with HUD 24 CFR part 3280 requirement of emission less than 0.3 ppm. Actual test results report by HPMA can be furnished on request.

Funder TFL complies with the formaldehyde emission standards specified in US EPA TSCA Title VI (40 C.F.R Par 770.10) and CARB ATCM 93120.2(A) Phase 2.

FIRE RETARDANT TEST DATA - ASTM E 84 - TUNNEL TEST						
Panel Grade	Panel Construction			FIRE CODE TEST DATA		
	Core	Face	Back	Flame Spread	Fuel Contributed	Smoke Developed
Standard	1/2" - 5/8" - 3/4" thick Untreated Paricleboard 45lbs./cu.ft. density	Pattterns Solid Color or Cabinet Liner	Cabinet Liner	90 - 100	90 - 105	150 - 175
Fire Retardant	ditto	ditto	ditto	15 - 20	15 - 20	10 - 20

This test data may no represent the actual performance of this product under fire conditions.

Fire retardant and other engineered grade panels are available on special order.

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