



Physical Properties: Pluswood® Thermofused Melamine Panels

Test Description	NEMA Test	LD3-2005 NEMA Minimum VGL	Pluswood™ Typical Results
Wear Resistance	LD3-3.13		
Solid Color		400 cycles	500 cycles
Pattern/Wood		400 cycles	125 cycles
Ball Impact Resistance	LD3-3.8		
Solid Color		15"	15"
Pattern/Wood		15"	15"
Boiling Water Resistance*	LD3-3.5		
Solid Color		NE	NE
Pattern/Wood		NE	NE
High Temperature Resistance*	LD3-3.6		
Solid Color		SL	SL
Pattern/Wood		SL	SL
Radiant Heat Resistance	LD3-3.10		
Solid Color		60 sec.	100 sec.
Pattern/Wood		60 sec.	120 sec.
Stain Resistance*	LD3-3.4		
Solid Color		NE 1-10; M 11-15	NE 1-15; M 13,15
Pattern/Wood		NE 1-10; M 11-15	NE 1-15; M 13,15
Light Resistance*	LD3-3.3		
Solid Color		SL	NE to SL
Pattern/Wood		SL	NE to SL
Cleanability of Surface	LD3-3.4		
Solid Color		20	17
Pattern/Wood		20	17

* **Rating System:** NE = No Effect SL = Slight Effect M = Moderate Effect

Formaldehyde emissions: Pluswood® Thermofused Melamine Panels are produced in conformance with HUD 24 CFR Part 3280; requirement = emission < 0.3 PPM.

Panels meet Class C fire rating employing ASTM E84 Tunnel Test. Class A fire rating available on request.

Suggested Short Form Architect Specification (for TFM)

Surface shall be Pluswood® Thermofused Melamine Panels.

FINISH: Textured

CORE: (Particleboard, MDF)

PATTERN No.: _____

PATTERN Name: _____

SIZE: _____

THICKNESS: _____

Material shall meet or exceed performance standards set by the National Electrical Manufacturers Association (NEMA).

Basic Uses/Limitations: Pluswood® Thermofused Melamine Panels should be used for interior

applications where a decorative wear and stain resistant surface is required. Vertical uses include point-of-purchase displays, pedestals, cabinet doors sides, light duty store fixtures, slatwall and furniture. Horizontal uses include displays, shelving, desktops and other uses where heavy abuse is not expected and high-impact resistance is not required.

Installation: Pluswood® Thermofused Melamine Panels can be easily fabricated with basic

woodworking tools such as panel saws, routers, drills and joiners. Panels can be fastened by doweling, or by nails, screws or staples.

Quality Assurance: All Pluswood® HPL and TFM panels are manufactured to strict standards of product quality and consistency. The NEMA test results for Pluswood® TFM are listed in the table above