

Laminated Board – Test Data**surface burning test data - ASTM E84 test method**

PANEL CONSTRUCTION		FIRE TEST DATA	
core	face	flame spread	smoke developed
3/4" particleboard 45 lbs./cu. ft.	white thermoset melamine laminate	65	155

surface resistance data

RESISTANCE TO:	TEST METHOD	TEST DESCRIPTION	TYPICAL VALUES
Wear	NEMA LD 3-1985 3.1	This test measures the ability of the surface to maintain its design or color when subject to abrasive wear.	739
Scuff	NEMA LD 3-1985 3.2	This test measures the ability of the surface to maintain its original appearance when exposed to scuffing.	No effect
Impact	NEMA LD 3-1985 3.3	This test measures the ability of the surface to resist fractures due to spot impact by a large diameter ball.	14 inches
Boiling Water	NEMA LD 3-1985 3.5	This test measures the ability of the surface to maintain its color and surface texture when subject to boiling water.	No effect
High Temperature	NEMA LD 3-1985 3.6	This test measures the ability of the surface to maintain its color and surface texture when subject to high temperature.	Slight effect
Radiant Heat	NEMA LD 3-1985 3.7	This test measures the ability of the surface to resist spot damage when subjected to a radiant heat source.	188 seconds
Stain	NEMA LD 3-1985 3.9	This test measures the ability of the surface to retain its color when exposed to a source of light having a frequency range approximating sunlight.	Reagents 1 - 23: no effect Reagents 24 - 29: no effect
Light	NEMA LD 3-1985 3.10	This test measures the ability of the surface to resist staining by substances which may be encountered in common household service.	Moderate effect
Cleanability of the Surface	NEMA LD 3-1985 3.12	This test measures the ability of the surface to be cleaned.	No effect