

# TFL Melamine Panels

## Performance Standards

GENERIC SPECIFICATIONS		
PROPERTIES	TEST METHOD / STANDARD REFERENCE	TFL PRODUCTS
Appearance	NEMA LD3-2005 - 3.1	No Surface Defects
Light Resistance	NEMA LD3-2005 - 3.3	No to Slight Effects
Cleanability / Stain Resistance	NEMA LD3-2005 - 3.4	1-10 - No Effect / 11-15 - Slight Effect
Boiling Water Resistance	NEMA LD3-2005 - 3.5	No to Slight Effect
High Temperature Resistance	NEMA LD3-2005 - 3.6	Slight Effect
Radiant Heat Resistance	NEMA LD3-2005 - 3.10	No Effect after 60 Seconds Exposure
Scratch Resistance	NEMA LD3-2005 - 3.7	2.0 N
Impact Resistance	NEMA LD3-2005 - 3.8	15"
Surface Wear Resistance	NEMA LD3-2005 - 3.13	Solid Colors - 400 Cycles Woodgrains and Abstract Designs - 125 Cycles
Flame-Spread Resistance	ASTM E-84	Class III or C Rating
Thickness	EN 14323	+/- 0.2 mm
Length and Width	EN 14323	+/- 2 mm
Squareness	EN 14323	2 mm / m
Formaldehyde	ANSI A208.1 or A208.2	Raw panels conform to TSCA Title VI (40 CFR 770) and CARB ATCM 93120

Greenguard Gold Certified Product

**Note**  
All laboratory testing is conducted to European Norms and ANSI Standards. We specialize in tailoring customer specific products for any application. All core panels are third-party certified as compliant with EPA TSCA Title VI and CARB ATCM 93120 regulations for emission requirements.

Lakeland Manufacturing Plant  
& Distribution Center  
525 Recker Hwy,  
Auburndale, FL 33823

Lioher ® — Revised Mar 2026