



TFL PERFORMANCE STANDARDS

Properties	Test Method / Standard Reference	PRISM TFL Products
Boiling Water Resistance	ISO 4586-1 2018-07:41	No to slight effect
Impact Resistance	ISO 4586-1 2018-07:25	15 inches
Light Resistance	ISO 4586-1 2018-07:33-B	No to slight effect
Scratch Resistance	EN 438 2.14.91 ISO 4586-1 2018-07:29	3.4N 2.0N
Cleanability / Stain Resistance	ISO 4586-1 2018-07:31-B	<20 Cleanability Reagents 1 – 10 no effect Reagents 11 – 15 slight effect
Surface Wear Resistance	ISO 4586-1 2018-07:11	Solid Colors 400 cycles Woodgrains & Abstract Designs 125 cycles
Additional thickness (per side) after raw board is laminated with PRISM TFL		0.25 - 0.55mm

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Note: PRISM TFL increases the MOR values of Particleboard and MDF after lamination.

GENERAL INFORMATION AND HEAT RESISTANCE



Prism TFL panels should be stored and used between 50°F (10°C) and 120°F (50°C) and relative humidity levels below 75%. Temperatures up to 160°F (70°C) is permitted for up to 24 hours. Temperatures above 120°F (50°C) for long time periods are not recommended because of the risk of panel shrinkage and surface cracking. When heat generating appliances are placed onto panel surfaces, an air gap and air circulation should be used to maintain temperatures below the limits stated above.

FLAME SPREAD RATING



ARAUCO Particleboard treated with fire-rated (FR) additives are certified by Intertek Testing Services NA, Inc. to have a Class A or Class I flame spread rating. In addition, TFL products laminated on ARAUCO's fire-rated particleboard substrate at the Albany, OR laminating facility are classified by Intertek Testing Services NA, Inc. to have a Class A or Class I flame spread rating.

HOW TO SPECIFY PRISM TFL

Description	Example
Product / Substrate	Prism TFL FR (fire-rated)
Design Code	WF377
Design Name	Pewter Pine
Texture	Medina
Panel Dimensions (Thickness / Width / Length)	¾" x 49" x 97"