

Duramine®

THERMALLY FUSED LAMINATE PANEL

SURFACE PROPERTIES

Property	Test Description	Performance Standard Test Method	Roseburg Duramine®
Lightfastness (Light Resistance)	Measures the ability of the laminate to retain its color when exposed to a light source approximating sunlight through window glass.	ISO 4586-2:2018 (sec 31) (NEMA LD3-2005 3.3)	No to Slight Effect
Resistance to Staining	Measures the stain resistance of the laminate by common household substances.	ISO 4586-2:2018 (sec 31) (NEMA LD3-2005 3.4)	1 - 10 No Effect 11 - 15 Slight - Moderate (Iodine only)
Cleanability	Value represents number of cleaning steps implemented to remove stains made by common household substances (Max allowable for high pressure laminate is 20).	ISO 4586-2:2018 (sec 31) (NEMA LD3-2005 3.4)	5 - 13
Resistance to Wet Heat	Measures the ability of the surface of the laminate to maintain its color and surface finish when subjected to boiling water.	ISO 4586-2:2018 (sec 41) (NEMA LD3-2005 3.5)	No to Slight Effect
Resistance to Dry Heat	Measures the ability of the surface of the laminate to maintain its color and surface finish when subjected to high temperature.	ISO 4586-2:2018 (sec 18) (NEMA LD3-2005 3.6)	No Effect
Impact Resistance	Measures the ability of the laminate to resist fractures due to impact by a large diameter steel ball.	ISO 4586-2:2018 (sec 25)* (NEMA LD3-2005 3.8)	9" - 15"
Wear Resistance	Measures the ability of the surface of the laminate to resist abrasive wear-through of the decorative layer.	ISO 4586-2:2018 (sec 11) (NEMA LD3-2005 3.13)	550 - 700 cycles (solids) 100 cycles (wood grains)

* (steel ball size for impact test results deviates from ISO standard and lines up with NEMA LD3 (weighing 224 ± 3g, measuring 38.1 mm (1-1/2in.) in diameter)

Note – Performance results represent a range based on testing of Duramine produced at all Roseburg laminating facilities on substrates including Particleboard and Medium Density Fiberboard.