

*passion  
for panels®*

## Introducing WRM from Flakeboard

Welcome to a new era for thermally fused melamine.

Flakeboard's Wear Resistant Melamine, an exclusive formulation that achieves over 600 wear cycles, performs better than some of North America's leading high pressure laminate panels, yet it actually costs less.

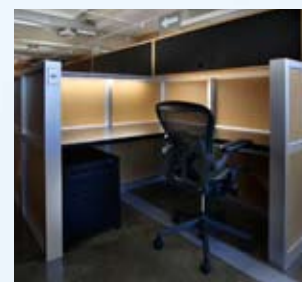
Available in an impressive selection of woodgrain, solid and print designs, it's a cost-effective substitute for HPL and incredibly useful in a wide range of applications.

WRM is ideal for:

- Store Fixtures and Merchandising Displays
- Office Furniture
- Commercial Wall Panels
- Furniture and fixtures for Hospitality, Medical and Manufactured Housing
- Countertops

WRM can be thermally fused to Flakeboard's standard and specialty lines of particleboard, MDF and Fibrex® substrates, and because our panels are made from 100% recycled and/or recovered wood, your project may qualify for LEED credits.

**WRM** | wear resistant melamine



For WRM product availability and program details, please call 1-800-268-9830.

For technical information please call 1-800-268-9830.

For melamine designs and specifications visit [www.flakeboard.com](http://www.flakeboard.com)

## Technical Specification - Flakeboard Wear Resistant Melamine - WRM

		Standard Melamine		NEMA LD3-2000 VGL	Flakeboard
		Solids Colors	Prints/Woodgrains	Minimum Performance Standard	WRM - Melamine
<b>Wear Resistance</b>	Measure of the ability of the surface to keep its design or color under abrasive wear	400 Cycles	125 - 175 Cycles	400 Cycles	600 Cycles
<b>Scratch Resistance (diamond scratch method, NEMA 3.7.3) *, **</b>	Measure of the ability of decorative surface to resist scratch by diamond tip tool	2.0-3.0N (typical values)	2.0-3.0N (typical values)	N/A in NEMA; min. 1.75N for VGP, VGF, VGS in EN 438 2.14-91	2.0-3.5N (typical values)
<b>Impact Resistance</b>	Measure of the maximum falling height of a steel ball that does not cause fracture to the decorative surface	15" (38.1mm ball diameter, 3/4" board with 720kg/m <sup>3</sup> nominal density) - without fracture	15" (38.1mm ball diameter, 3/4" board with 720kg/m <sup>3</sup> nominal density) - without fracture	15"	15" (38.1mm ball diameter, 3/4" board with 720kg/m <sup>3</sup> nominal density) - without fracture
<b>Boiling Water Resistance</b>	Measure of the ability of a decorative surface to resist any damage when exposed to boiling water for 20 minutes	Slight to no effect	Slight to no effect	Slight to no effect	Slight to no effect
<b>Radiant Heat</b>	Measure of the ability of a decorative surface to resist any damage when exposed to a radiant heat source	No effect after 60 seconds	No effect after 60 seconds	No effect after 60 seconds	No effect after 60 seconds
<b>High Temperature Resistance</b>	Measure of the ability of a decorative surface to maintain its color and aspect when exposed to high temperatures	Slight effect	Slight effect	Slight effect	Slight effect
<b>Light Resistance</b>	Measure of the ability of a decorative surface to retain its color when exposed to a light source close to sunlight	Slight effect	Slight effect	Slight effect	Slight effect
<b>Cleanability</b>	Measure of the ability of a decorative surface to be cleaned when exposed to 15 soiling agents	20 (maximum)	20 (maximum)	20 (maximum)	20 (maximum)
<b>Stain Resistance</b>	Measure of the ability of the decorative surface to resist to stain when exposed to 15 household products	products 1-10: no effect products 11-15: moderate effect	products 1-10: no effect products 11-15: moderate effect	products 1-10: no effect products 11-15: moderate effect	products 1-10: no effect products 11-15: moderate effect

\* Scratch resistance result is dependent on design and color

\*\* According to NEMA Standard LD 3-2005, values of scratch resistance are still under consideration.

WRM is available on all existing woodgrains, solids and prints, however colour shifting may result.

Please request samples prior to specifying.



400 cycle sample for HPL\*



400 cycle sample for WRM



### How to specify WRM

To obtain WRM from Flakeboard, please specify as follows:

**Design Code:** WF108

**Design Name:** Kashmir Cherry

**Substrate:** Flakeboard particleboard or MDF

**Texture:** Suede

**Finish:** WRM

\* Leading brand of HPL independently tested.