

APPROVED, ACCREDITED  
AND AWARDED

The quality of GREENLAM® laminates is acknowledged by authorities to conform to recognised high quality standards. We are proud to present the results here.

LD3-2005	Physical Properties	NEMA Requirement	Greenlam Value
	Thickness	0.8mm (VGS)	0.8mm (VGS)
	Thickness tolerance	+/- 0.1	+/- 0.1
3.3	Light Resistance (Xenon Arc)	SL, Slight Effect	NE, No Effect
3.4	Resistance to Staining	Sum of Score (20 Max)	9
	Cleanability	No Effect	NE, No Effect
	Stain 1 to 10	Moderate Effect	NE, No Effect
	Stain 11 to 15		
3.5	Boiling Water Resistance	No Effect	No Effect
3.6.3	High Temperature Resistance	Slight Effect	Slight Effect
3.7.2	Linear Glass Scratch Resistance	<20 / 50 / 100 / 200	<200
3.7.3	Diamond Scratch Resistance	1 / 2 / 3 / 4 / 5	3
3.8	Ball Impact Resistance	500mm	700mm
3.9	Dart Impact Resistance	200mm	700mm
3.10.2	Radiant Heat Resistance (Coil)	80 sec	188 sec
3.10.3	Radiant Heat Resistance (Strip)	80 sec	143 sec
3.11	Dimensional Change (Machine Direction)	0.70% (Max)	0.45%
	Dimensional Change (Cross Direction)	1.20% (Max)	0.72%
3.12	Dimensional Stability (MD)	0.60% (Max)	0.31%
	Dimensional Stability (CD)	1.10% (Max)	0.41%
3.13	Wear Resistance	400 cycles (min)	>750

- Manufactured in accordance with ISO 9001; tested by North Carolina State University Wood Product Laboratory (with certificate), and meets or exceeds the requirements of NEMA LD3-2005.
- GREENLAM® Laminates also meet ISO 4586-1-1991, BSEN 438 - 2 : 2005 & IS 2046 - 1995 standards.
- Laminates featured in this catalogue are available in size 1220mm x 2440mm x 0.8mm, unless otherwise stated.
- For any other sizes, please check with our team for more information.
- GREENLAM® brand of high - pressure laminate (HPL) has been certified by the GREENGUARD Environmental Institute (GEI) and was awarded the GREENGUARD Certification and GREENGUARD Gold Certification

#### HEADQUARTERS

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#### LIMITED WARRANTY

Greenlam Asia Pacific Pte Ltd (GREENLAM®) warrants to the original Buyer that GREENLAM® High Pressure Laminates will be free of defects, under normal, proper and intended usage, within acceptable manufacturing specifications for a period of one (1) year from date of sale to the original Buyer.

Buyer's remedy in case of claims, as a result of defective High Pressure Laminates, shall be limited to only the replacement of High Pressure Laminates by GREENLAM®.

#### TRADEMARKS

GREENLAM®, the GREENLAM® logo and Safeguard™ Plus are registered trademarks of Greenlam Industries Ltd or its subsidiaries.

#### CHANGE OF SPECIFICATION

The company reserves the right to change specifications at any time without prior notice. It is recommended that you request actual samples prior to specification.

Maintaining the luminous shine and looks of GREENLAM® laminates is easy. Just follow these simple methods for optimal durability of the laminates:

CLEANING  
PROCESS



1. DAMP CLOTH OR SPONGE

A damp cloth or sponge is all you need. You can also use a mild soap or detergent to clean the surface.



2. DETERGENT

In cases of difficult stains such as coffee or tea, do not fret. These can be easily removed using a mild household cleaner or detergent.



3. BAKING SODA

If the stain becomes stubborn, use a little baking soda and water, and apply with a soft bristled brush. But remember excessive scrubbing or exerting too much force may damage the decorative surface, especially if it has a gloss finish.

PRECAUTION



1. HARSH CHEMICALS

Oven or drain cleaners will etch and discolour the decorative surface. If the product spills, remove immediately, rinse and wipe dry.



2. HOT OBJECTS

Protect the surface from the heat generating appliances by using a trivet or insulated pad. Prolonged exposure to high temperature may result in separation of the laminate from the substrate.



3. SHARP OBJECTS

Never use knives or other sharp objects directly on a decorative surface. Use cutting boards to protect the laminate top.



4. IMPACT

Be careful not to drop heavy objects or hammer directly on the surface. Even though high-pressure decorative laminates have excellent impact resistance, chipping or cracking may occur as a result.