

LuxCore™ Technical Sheet

LuxCore is an ideal laminate for kitchens, bathrooms and other wet environments, as it passes sanitary codes, is easy to clean and is not damaged by water. LuxCore comes in translucent panels, laminates, and laminates suitable for back-lighting. It can be used for most vertical and horizontal applications.

LuxCore Translucent Panels are suitable for modesty panels, room dividers, shower enclosures and other interior applications where translucency is desired.

LuxCore Laminates can be used as a wainscot or wall covering, where high abrasion and impact resistance are vital; such as hospitals, restaurants, grocery stores, elevators, restrooms and other interior applications where laminates are desired. LuxCore Laminates are also suitable for back lighting, as it passes light through beautifully without exposing the bulbs behind it.

Thicknesses and Weight:

Sheet Size	Lbs. per sheet	Lbs. per square foot
4' x 8' x .060" (.055" - 0.70")	14.40 lbs.	0.45 lbs

TECHNICAL INFORMATION

PROPERTY	TEST METHOD	TYPICAL VALUE
Barcol Hardness	ASTM D-2583	40
Notched Izod Impact Resistance (ft-lbs/in)	ASTM D-256	7.0
Thermal Coefficient of Lineal Expansion (in/in/F)	ASTM D-696	0.0000160
Water Absorption (%)	ASTM D-570	0.17
Specific Gravity	ASTM D-792	1.53
Fire Rating	ASTM E-84	Class III/C
CAN/ULC Fire Rating	S102-M88	
Abrasion	NEMA LD3-2005	9,150 cycles

CLEANABILITY / SURFACE RESISTANCE	Result
Concentrated Lime-A-Way (un-diluted)	No change
Soft Scrub with bleach	No change
Scrubbing Bubbles shower cleaner	No Change

Stain Resistance Testing		LuxCore - clear		LuxCore - pattern	
#	Materials	24 Hrs	7 Day	24 Hrs	7 Days
1	Wesson Oil®	N	N	N	N
2	Household Ammonia	N	N	N	N

3	409 all purpose cleaner®	N	N	N	N
4	"Tide" laundry detergent	N	N	N	N
5	Isopropyl Alcohol	N	N	N	N
6	Bleach	N	N	N	N
7	Grape Juice	N	N	N	N
8	Orange Juice Concentrate	N	N	N	N
9	Coffee	N	N	N	N
10	Mustard	S	S	N	N
11	Ketchup	N	N	N	N
12	Ketchup	N	N	N	N
13	Coca-Cola®	N	N	N	N
14	Water	N	N	N	N
15	Black crayon	N	N	N	N
16	Lipstick	N	N	N	N
17	Pine-Sol®	N	N	N	N
18	Vinegar	N	N	N	N

Rating scale:

N = no change

S = slight change

M = medium change

L = large change

Test Temperature: 70° F

Material cleaned with warm water and cloth.