

RADIANCE® PET



RADIANCE® PET LAMINATES

SSIs' Radiance® film is designed to bring designers the opportunity to create stunning, high performance interiors within budget and within the eco-friendly footprint that we are all looking to foster and support.

Many companies and consumers, including global retailer IKEA, are moving toward sustainability by sourcing products made of renewable materials such as PET film. Radiance is a PET material with fantastic depth of color and finish and is available in a range of thickness and topcoat finishes, including a Super Scratch Resistant (SSR) version which offers an incredible added value for applications such as the Kitchen and Bath, Office and Multifamily industries.

The Well Building trend is coming to the forefront as a holistic approach to creating spaces, layering onto the sustainable building practices that have been measured by accreditations such as LEEDS over the last decade. Radiance PET film is made from environmentally friendly materials that can be recycled at the end of their life and as such offer the perfect combination of looks, performance and sustainability.



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RADIANCE® PET LAMINATES

APPLICATIONS

- Residential Furniture
- Fixture and Display components
- Kitchen
- Architectural

PROCESSING

- Flat Lamination
- Profile Wrapping



PICTURED | BLACK SM



PICTURED | BRIGHT WHITE HG SSR



PICTURED | BRIGHT WHITE HG SSR



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RADIANCE® PET HG WITH SSR

TECHNICAL DATA SHEET

RADIANCE PET HIGH GLOSS LAMINATE FILM WITH SSR COATING

TEST	RESULT	REAGENT	CLEANING STEPS	STAIN RESIST.
			0 1 2 3 4 SCORE	
DIN EN 15186	0.4 N/CLASS 4F	DISTILLED WATER	- - - - - 0	N
3.7 LINEAR GLASS SCRATCH	<20G	ETHYL ALCOHOL: WATER (50:50)	- - - - - 0	N
3.7 DIAMOND SCRATCH	RATING 2	ACETONE	- - - - - 0	S
3.8 BALL IMPACT RESISTANCE	<250 MM	HOUSEHOLD AMMONIA	- - - - - 0	N
3.9 DART IMPACT RESISTANCE	>125 MM	10% CITRIC ACID SOLUTION	- 1 - - - 1	N
3.13 WEAR RESISTANCE	8,000 (AVERAGE CYCLES)	VEGETABLE COOKING OIL	- - - - - 0	N
3.4 CLEANABILITY & STAIN RESISTANCE CLEANABILITY 13 CLEANING STEPS 0 = REMOVED WITH WATER. 1 = 25 CYCLES SPRAY CLEANER OR SPONGE. 2 = 25 CYCLES BAKING SODA PLUS SPRAY CLEANER ON BRUSH. 3 = ACETONE AND COTTON BALL. 4 = BLEACH PLUS COTTON BALL. 5 = NOT REMOVED STAIN RESISTANCE N = NO EFFECT. M = MODERATE EFFECT. DIFFICULT TO PERCEIVE STAIN. S = SEVERE EFFECT. EASILY PERCEIVE STAIN OR DAMAGE TO SURFACE.		COFFEE	- - - - - 0	N
		TEA	- - - - - 0	N
		TOMATO KETCHUP	- - - - - 0	N
		YELLOW MUSTARD	- - - - - 0	N
		POVIDONE IODINE (10%)	- - - - - 0	N
		PERMANENT MARKER	- 1 1 1 - 3	N
		#2 PENCIL	- 1 1 1 - 3	N
		WAX CRAYON	- 1 1 1 - 3	N
		BLACK SHOE POLISH	- 1 1 1 - 3	N
		PLEASE SEE NEMA LD3 2005 FOR A COMPLETE DESCRIPTION OF METHODS AND LIST TESTING PROCEDURES. *TEST RESULTS MAY VARY BY COLOR AND DESIGN		

NEMA TEST RESULTS VERSION LD3-2005

THIS INFORMATION IS BASED ON OUR PRESENT STATE OF KNOWLEDGE AND IS INTENDED TO PROVIDE GENERAL NOTES ON OUR PRODUCTS AND THEIR USES. IT SHOULD NOT THEREFORE BE UNDERSTOOD AS GUARANTEEING SPECIFIC PROPERTIES OF THE PRODUCTS DESCRIBED OR THEIR SUITABILITY FOR A PARTICULAR APPLICATION. ANY EXISTING INDUSTRIAL PROPERTY RIGHTS MUST BE OBSERVED.

BASIC LINE DIMENSIONS

WIDTH	1270MM (1240 USABLE) / 48.82"
THICKNESS	.010" - 0.22"
COILED LENGTH	460 LM STANDARD (CUT TO LENGTH AVB)

BASIC LINE PRODUCTION SPECIFICATIONS

PROPERTIES	TEST METHOD	UNIT	VALUE/TOLERANCES
GLOSS STABILITY	ASTM D-523	60°	88-94
COLOR TOLERANCE	DIN 6174	ΔE	<0.50
LIGHT COLORS	(D65/10°, CIELAB)		



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