



SPECIFICATIONS

Premeer is a product of Interprint

Overview

Premeer® by Interprint is a next-generation decorative overlay that combines excellent board protection with high fidelity prints in a product that's versatile and environmentally safe.

Interprint, the global designer and printer of decor paper for the laminate industries, developed Premeer at its Pittsfield, Mass. production facility.

Compared to a vinyl overlay, Premeer provides superior water and wear protection to all types of boards. The protective coating is applied over Interprint's water-based organic inks and is cured via electron beam on an oriented polypropylene (OPP) substrate to give Premeer its superior water hold-out characteristics. The depth and content of the coating can be adjusted to meet a wide range of wear resistant specifications. An environmentally safe product, Premeer can be applied to intricate moldings; it can be profile wrapped, mitre folded, vacuum pressed or flat laminated without creasing, cracking or distortion. It does not shrink, stretch, distort or creep under 180° C (post-lamination), and is compatible with all common water-based laminating, EVA or PUR hot-melt systems. Premeer is highly resistant to fingerprints.

Dimensions

Premeer is available on 32, 41 and 56 gsm white OPP in 4 and 5-foot widths. Respective mil thicknesses are 1.2, 1.6 and 2.2. Premeer's block-free rolls ship horizontally in suspended packaging.

Properties

Multi-unit, non-pearl, printed design on OPP

Metric	Good	Better	Best
Gloss (60° Gardner)	17-26	17-26	17-26
MEK Rubs	> 200	> 200	> 200
Slide Angle (face to PB or MDF)	14-25	14-25	14-25
610 Tape (% lift)	0	0	0
800 Tape (% lift)	0	0	0
Scratch (g, Hoffman tool #PE-1611)	> 120	> 150	> 250
Mar (g, Hoffman tool #PE-1611)	> 100	> 130	> 200
Gouge (g, Loop Stylus tool #PE-5781)	> 5000	> 6000	> 8000
Initial Taber Abrasion (CS10)	> 500	>600	> 1200
Final Taber Abrasion (CS10)	> 3500	> 4500	> 8000
Steam Test	NE	NE	NE
Tea Pot	NE	NE	NE
High Temperature (180°C)	NE	NE	NE
H ₂ O Holdout	72 hrs.	72 hrs.	72 hrs.
Print Fidelity	Excellent	Excellent	Excellent
Fire Rating (ASTM E84/UL723)	Class A	Class A	Class A

Stain Resistance

Test Method: NEMA LD 3.4-2000

Test	Stain	Clean
Distilled Water	NE	0
Ethyl Alcohol Solution	NE	0
Acetone	NE	0
Household Ammonia	NE	0
10% Citric Acid	NE	0
Vegetable Oil	NE	0
Fresh Tea	NE	0
Catsup	NE	2
Marker (black, permanent)	NE	1
#2 Pencil	NE	2
Wax Crayon	NE	1
Shoe Polish (black, paste)	NE	2
Vinegar	NE	0

Stain: NE = No Effect

Clean: 0 to 4 (Easy to Difficult)

Contact



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