

SELECTION GUIDE



CORES

Insulating Core	Features	R-Value per inch	Cost
2.5# Density Polystyrene	Economical (most cost-effective R-value per inch)	~4.8	\$
2# Density Polyisocyanurate	Highest R-value per inch	~6	\$\$
Micore (mineral fiber board)	Limited Combustibility, No Foam Plastics	~2.06	\$\$\$

SUBSTRATES

Substrates	Thickness	Features	48" Width	60" Width	Lamination Warranty	Cost
1/8" Premium Hardboard	1/8"	Economical, Impact-Resistant	Yes	Yes	25 Years	\$
3/16" Premium Hardboard	3/16"	Standard Core for 1/4" Glazing	Yes	No	25 Years	\$\$
Corelite (Corrugated PE)	4 mm	Economical & Moisture-Resistant	Yes	Yes	10 Years	\$
Solid Plastic (ABS)	2 mm, 3 mm, or 4 mm	Moisture & Impact-Resistant	Yes	Yes	5 Years	\$\$\$
Gypsum Board (interior side only)	1/2" or 5/8" *See Below 1	Fire-Resistant	Yes	Yes	25 Years	\$
Cement Board	4 mm	Non-Combustible, Impact & Moisture-Resistant	Yes	No	25 Years	\$\$\$\$

1. 1/2" Gypsum offers 15-minute timed rating per ASTM E119; 5/8" Gypsum offers 20-minute timed rating per ASTM E119
Panels can be manufactured to any thickness from 1/4" - 6" with a tolerance of +/- 1/16" (some exceptions apply). Contact us with any questions.

FINISHES

Finish	Stock Thickness	Available (Custom) Thickness	Smooth or Embossed	Aluminum or Steel	# of Colors	Custom Colors?	48" Width	60" Width	Finish Warranty	Cost
Standard Kynar	.024" or .032"	.040", .050", or .063"	Both	Both	32	No	Yes	Yes *See Below 1	20 Years	\$\$
Standard Metallic Kynar	.032"	.040" or .050"	Both	Both	7	No	Yes	No	20 Years	\$\$
Custom Kynar	.040"	.050", .063", .080", .090", or .125"	Both	Aluminum	*See Below 4	Yes	Yes	Yes	10 Years**	\$\$\$
Spandrel Glass (w/Ceramic Frit)	.25"	.25" Tempered Only	Smooth	————	8	Yes	Yes	Yes	5 Years	\$\$\$\$
Colorlume E (Baked Enamel)	.016"	.016" Only	Embossed	Aluminum	3	No	Yes	Yes *See Below 2	5 Years	\$
Class 1 Clear Anodized	.032" or .040"	.050", .063", .080", .090", or .125"	Both	Aluminum	————	No	Yes (.032")	Yes (.040")	5 Years	\$\$
Class 1 Dark Bronze Anodized	.032" or .040"	.050", .063", .080", .090", or .125"	Both	Aluminum	————	*See Below 3	Yes (.032")	Yes (.040")	5 Years	\$\$

1. Available in 60" width: Dark Bronze, Bone White, Colonial White, Almond, Matte Black, Cityscape, Sandstone, and Sierra Tan

2. Available in 60" width: A11 Dover White and A30 Quaker Bronze

3. Also available: Champagne, Light Bronze, Medium Bronze, Extra Dark Bronze, Black, and Copper

4. Mapes can match just about any color imaginable when supplied with a sample.

** Extended finish warranties are available on custom colors (up to 20 years).

Specialty finishes such as Wood Grain, Stainless Steel, Powder Coat, and more are also available upon request.