

MapeSpan™



INSULATED SPANDREL GLASS PANELS

APPLICATIONS

- Schools
- Office Buildings
- Opaque Spandrel Areas
- Curtain Wall / Window Replacement

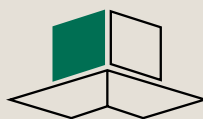
FEATURES

- Monolithic Construction
- Complete Glazing Solution for Exterior and Interior
- Single Source
- Reduced Cost
- High Insulation Values
- LEED Credit



MapeSpan panels are a laminated composite with a ceramic backed spandrel glass with an insulative core material and a finished interior. This unique single source solution provides a low cost, single source glazing option for all curtain wall, spandrel and window application. The interior of the MapeSpan panel can be factory finished to complement any design requirement, including Porcelain, Kynar, Anodized and Baked Enamel. The unitized nature of MapeSpan also reduces field labor and is assembled under a factory controlled environment.

For design and budget information, please visit
www.mapes.com/mapespan.



mapes
ARCHITECTURAL PANELS

Mapes Panels, LLC
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CORE OPTIONS

- 2 lb. Density Polystyrene – R-values up to 22.79. Most economical insulation.
- Isocyanurate – Modified urethane. R-values up to 27.79.
Best insulation per inch. Higher cost.
- Micore® – Class A fire rated.

SUBSTRATE OPTIONS

- Tempered Hardboard – Low cost. Lightweight.
- Cement Board – Fiber-reinforced cement board, non-combustible.
- Fire Rated Gypsum Board – 1/2" type C fire code. Provides 15-minute interior finish rating to meet local codes.
- HDPE – High Density Polyethylene – Moisture resistant.



INTERIOR FINISH GUIDE

	Embossed	Smooth	Custom Color	Aluminum	Steel	Warranty (yrs)
Porcelain on Aluminum	X		X	X		25
Porcelain on Steel		X	X*		X	20
Kynar	X	X	X*	X	X	5 to 20
Polyester Baked Enamel	X	X	X*	X		5
Anodized	X*	X	X*	X		n/a
Primed Aluminum	X	X		X		n/a
Galvanized		X			X	n/a
Mill Finish	X	X		X		n/a

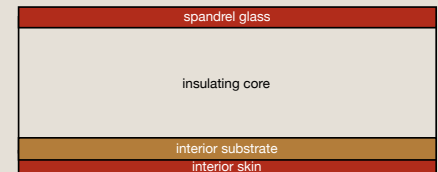
*Indicates premium charge; consult factory

CERAMIC-BACKED SPANDREL GLASS PANELS

MapeSpan is a composite panel utilizing heat-strengthened glass with ceramic frit on the #2 surface combined with an insulative core and a finished interior. Complete wall panels can be glazed in a monolithic unit from a single supplier.

A wide variety of colors are available, and the interior can be any standard architectural finish including porcelain, Kynar®, anodized, baked-enamel and also unfinished.

TYPICAL CROSS SECTION



SPANDREL GLASS EXTERIOR

1/4" heat-strengthened glass with ceramic frit on the #2 surface.

STANDARD COLORS



Custom glass tint and custom ceramic colors available—please consult factory for design limitations.
Color variation due to printing process—consult factory for sample.