

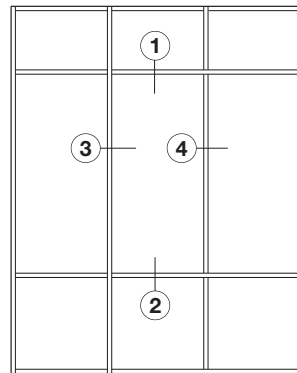
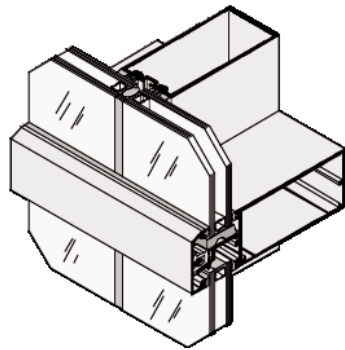
THERMAL PERFORMANCE - GLAZING SELECTION CHART

Contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. or Canada, or (323) 588-1281 (International). Ask for Extension 15305. Additional product details are available online at crlaurence.com/curtain-walls.

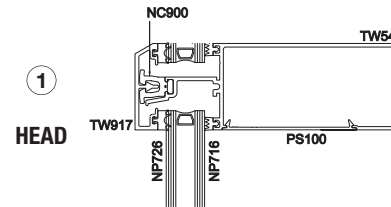


Series 4500SG Curtain Wall - Open Back Horizontal Mullions

Below are various insulating glazing assemblies and spacer combinations that will provide this system with U-factors ranging from a low of 0.19 to a high of 0.56. If your particular combination of glazing and spacer isn't shown, please contact a CRL - U.S. Aluminum Technical Sales Representative and initiate a request. One of our on-staff thermal simulation engineers will conduct the calculations and return a report that can be utilized for bidding and design purposes.

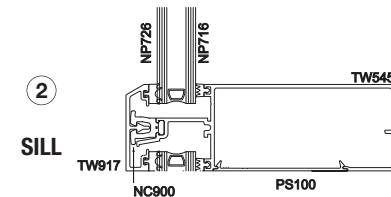
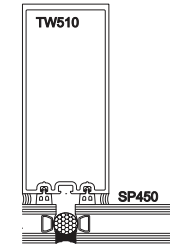


TYPICAL DETAILS:



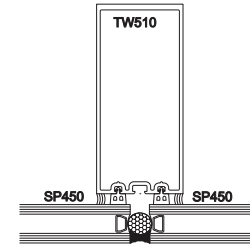
①
HEAD

③
JAMBS



②
SILL

④
VERTICAL
MULLION



GLAZING ASSEMBLY - 1" INSULATING	CENTER OF GLAZING U-FACTOR ⁵	CENTER OF GLAZING SHGC ⁶	CENTER OF GLAZING VT ⁶	SPACER	OVERALL SYSTEM U-FACTOR ⁵	OVERALL SYSTEM SHGC ⁶	OVERALL SYSTEM VT ⁶
1/4" SunGuard SNX 62/27 Clear ¹ / 1/4" Xenon / Heat Mirror 77 Film / 1/4" Xenon / 1/4" SunGuard IS 20 Clear ³	0.09	0.20	0.48	Super Spacer	0.19	0.20	0.43
1/4" SunGuard SNX 62/27 Clear ¹ / 1/2" Xenon / 1/4" SunGuard IS 20 Clear ⁴	0.18	0.25	0.60	Stainless	0.28	0.26	0.55
1/4" Solarban 70XL Starphire ¹ / 1/2" Argon / 1/4" Clear	0.24	0.27	0.64	Stainless	0.34	0.28	0.59
1/4" Solarban 60 Clear ¹ / 1/2" Argon / 1/4" Clear	0.24	0.38	0.70	Aluminum	0.37	0.38	0.64
1/4" Cardinal 272 Clear ¹ / 1/2" Argon / 1/4" Clear	0.25	0.40	0.70	Aluminum	0.37	0.40	0.62
1/4" Solarbronze / 1/2" Air / 1/4" Solarban 60 Clear ²	0.29	0.31	0.42	Aluminum	0.41	0.32	0.39
1/4" Clear / 1/2" Air / 1/4" Solarban 70XL Starphire ²	0.29	0.37	0.64	Aluminum	0.40	0.38	0.59
1/4" Solarban 60 Clear ¹ / 1/2" Air / 1/4" Clear	0.29	0.38	0.70	Aluminum	0.41	0.38	0.64
1/4" Cardinal 272 Clear ¹ / 1/2" Air / 1/4" Clear	0.29	0.40	0.70	Aluminum	0.41	0.41	0.64
1/4" Clear / 1/2" Air / 1/4" Clear	0.47	0.70	0.79	Aluminum	0.56	0.68	0.72

1. Low-e on #2 surface 2. Low-e on #3 surface 3. Low-e on #6 surface 4. Low-e on #4 surface 5. In accordance with NFRC 100 6. In accordance with NFRC 200

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Cardinal is a registered trademark of Cardinal Glass Industries, Inc.

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