ALUMINUM CURTAIN WALL

T8590 Series

2-1/2" Thermally-Broken Curtain Wall

(available in 5", 6", 7-3/8", 9" and 10-1/2" depths)

The B6 ?js k g l s k T8590 Series is a high-performance pressure plate curtain wall system that utilizes a fiber glass pressure plate to deliver low U-values while maintaining the superior structural properties associated with curtain wall. This system is engineered to meet DOD/GSA blast criteria and ASTM criteria for hurricane-rated systems.

The various depths of this 2-1/2" wide system enables the T8590 Series to easily adapt to project-specific design requirements. It is designed to span multiple floors and take into consideration design requirements such as: thermal expansion and contraction; building sway and movement; water diversion; and thermal efficiency for cost-effective heating, cooling and lighting.

The T8590 Series Thermally-Broken Curtain Wall comes in a wide variety of custom painted and anodized finishes and offers a sleek look that meets most commercial construction requirements. It comes with an industry standard factory warranty.

FEATURES	RESULTS
Aluminum system	Sleek profile, long-lasting strength and durability
Blast rated	Engineered to meet DOD/GSA blast criteria
Hurricane rated	Engineered to meet ASTM 1886/ASTM 1996
Variety of depths	Accommodates span and design requirements
Custom cover cap styles and sizes	Accommodates design aesthetics
Integral sunshade options	Interior climate control
May be reinforced with steel	Accommodates tall spans
Structural silicone glazing (SSG) and standard vinyl weather seal configurations	Design flexibility
Shear block construction	Allows for shop fabrication and efficient field assembly
Custom painted and anodized finishes	Wide variety of finishes to accommodate design specifications and customer needs

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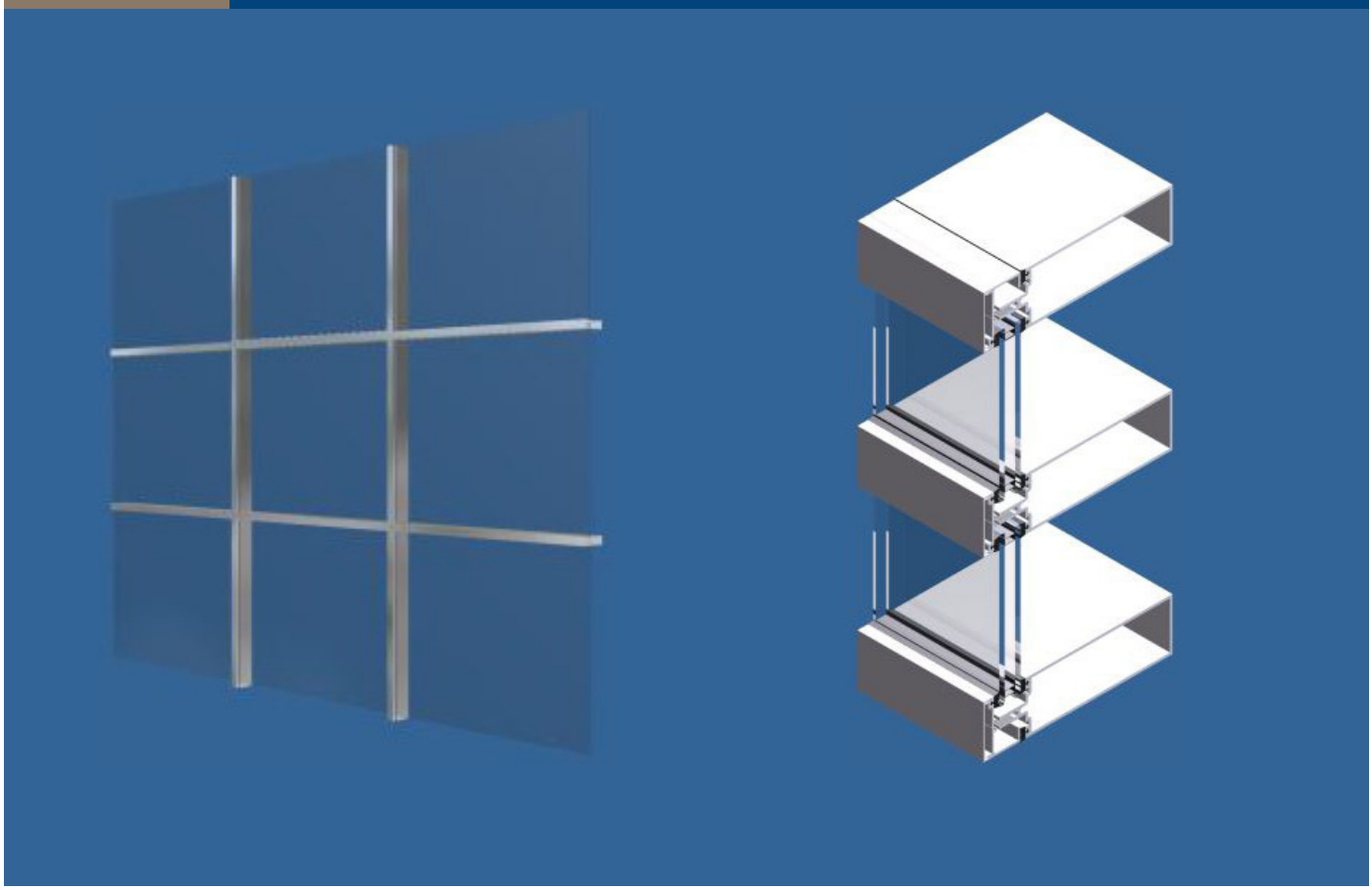

PERFORMANCE DATA	
Air @ 6.24 PSF | Per ASTM E-283	<0.010 cfm/SF
Water | Per ASTM E-331	15 psf
U-Value | Per NFRC-100	0.32 - 0.45