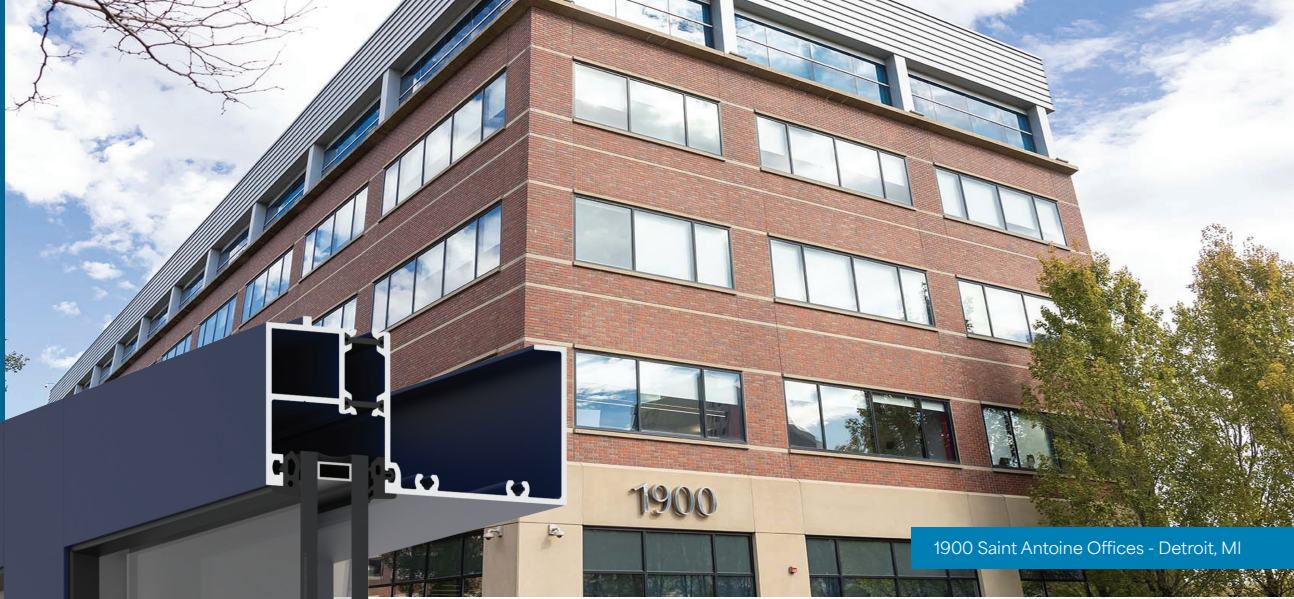




www.ykkap.com



1900 Saint Antoine Offices - Detroit, MI

YWW 45 T

High Performance, Thermally Broken Window Wall System

The **YWW 45 T** is designed to meet the performance requirements of window walls for multi-story buildings. Glass is set to the front to maximize thermal performance and may be glazed from either the interior of the building for labor savings or from the exterior at column line applications. The system is thermally broken by YKK AP's patented MegaTherm® technology. The assembly sits down on a thermally broken sill flashing member.

- Optional SSG Intermediate Vertical
- 1" Glazing Standard with 1/4" Infill Option
- Separate Interior/Exterior Finish Options
- Integrates with our YKK AP Entrances
- Continuous Head & Sill or Vertical-Through

Configuration:

Glazing	Glass Setting	Installation
Outside or Inside	Front Set	Screw Spline

Thermal Values:

U-Factor:	Values as low as 0.33*
CRF:	Minimum 69 _{frame} and 64 _{glass}

*Based on AAMA 507. Lower values may be achieved through further simulation.



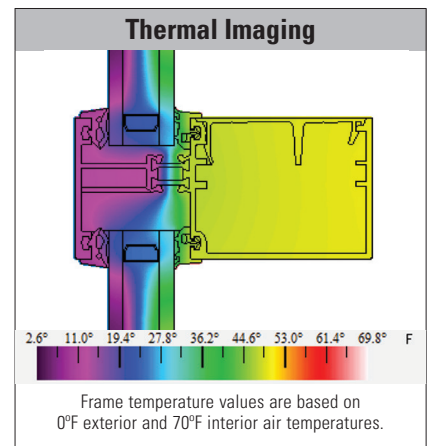
YWW 45 T SPECS		
Base Depth	4-1/2"	
Sightline	2-1/4"	
Config	Outside, Inside or SSG Glazed / Front Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 12 PSF (575 Pa) Dynamic: 12 PSF (575 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 33 Standard OITC: 26	ASTM E 90 ASTM E 1425
	Laminated STC: 35 Laminated OITC: 29	

Thermal Performance								
Mullion Depth	U-Factor - BTU/hr·ft ² ·°F						CRF	
2-1/4" x 4-1/2"	0.41	0.39	0.38	0.36	0.35	0.33	69	64
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 100							AAMA 1503	

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Various System Options

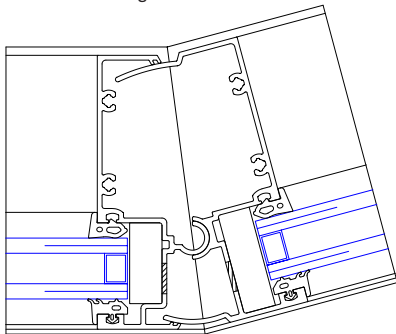
Continuous Head & Sill,
Vertical Through, Screw Spline,
Vertical 2-Sided SSG Glazing
90°, 135°, 165°-183° Corners



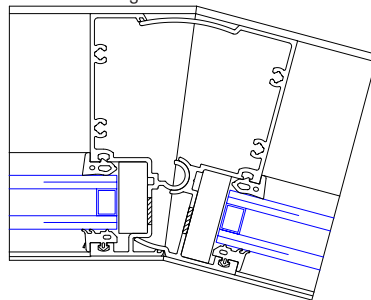
Extra Corner Options

Besides the standard 90-degree corner options, this system has several additional pre-engineered corner options

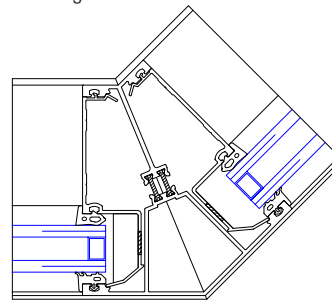
160 to 170 Degree Outside



165 to 183 Degree Inside



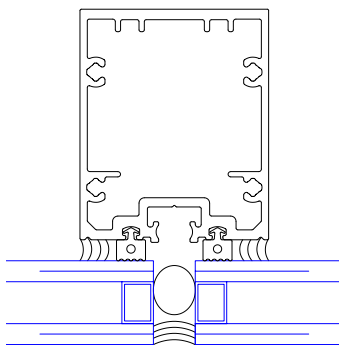
135 Degree Outside



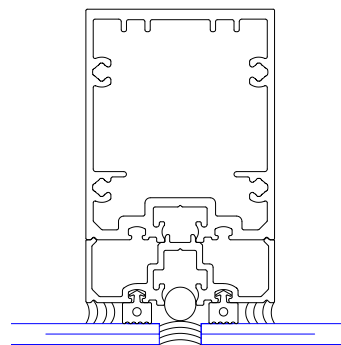
1" Glazing shown.
1/4" options also available.

SSG Vertical Option

This system supports 2-sided Structural Silicone Glazing (SSG) for the vertical mullions for Outside Glazing (OG).



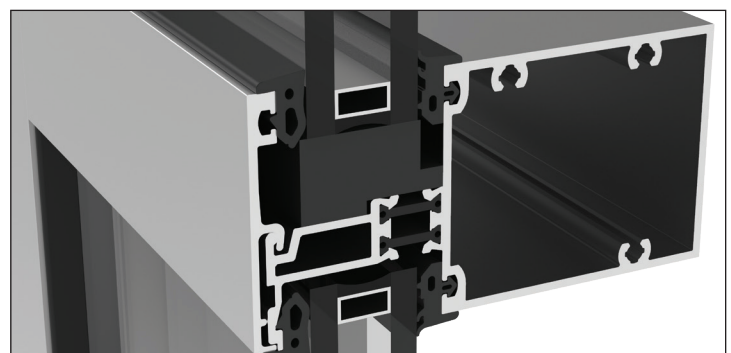
Outside Glazed SSG
with 1" Glass



Outside Glazed SSG
with 1/4" Adaptor

ISO Struts

This system utilizes a dual barrier 6/6 polyamide iso strut set that secures the inner and outer mullion pieces together. This strut provides a thermal barrier that conserves energy and limits heat transference. It will not degrade, crack or break due to the glass-fiber reinforcement.



Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide