

YHW 60 TU

Pre-Glazed Hurricane Impact Window Wall System

ProTek



YKK AP Hurricane & Blast Solutions

Protection for your Window Wall

The YHW 60 TU is a thermally broken hurricane impact resistant system that builds on our line of versatile wall solutions for mixed use buildings. The glass plane is set to the front to maximize thermal performance and accommodates up to 1-5/16" glazing infill. Fast, efficient installation is done by using the same system for impact glazing on lower floors and non-impact glazing on upper levels. Screw spline assembly and two piece mullions facilitate any pre-glazing or inside glazing at the jobsite.

Product Options & Features

- Slab edge cover option available
- IBC & Florida Product Approvals:
 - ◆ Large & Small Missile
 - ◆ Statewide & High Velocity Hurricane Zone
- Design Pressures up to 90 psf
- 10' Spans with 5' Spacing
- Oversized units in punched openings
- YKK AP ThermoBond Plus® thermal breaks
- Expansion/Heavy Duty Mullions available
- Compatible with YKK AP entrances and vents

U-Factor Values as low as 0.34*

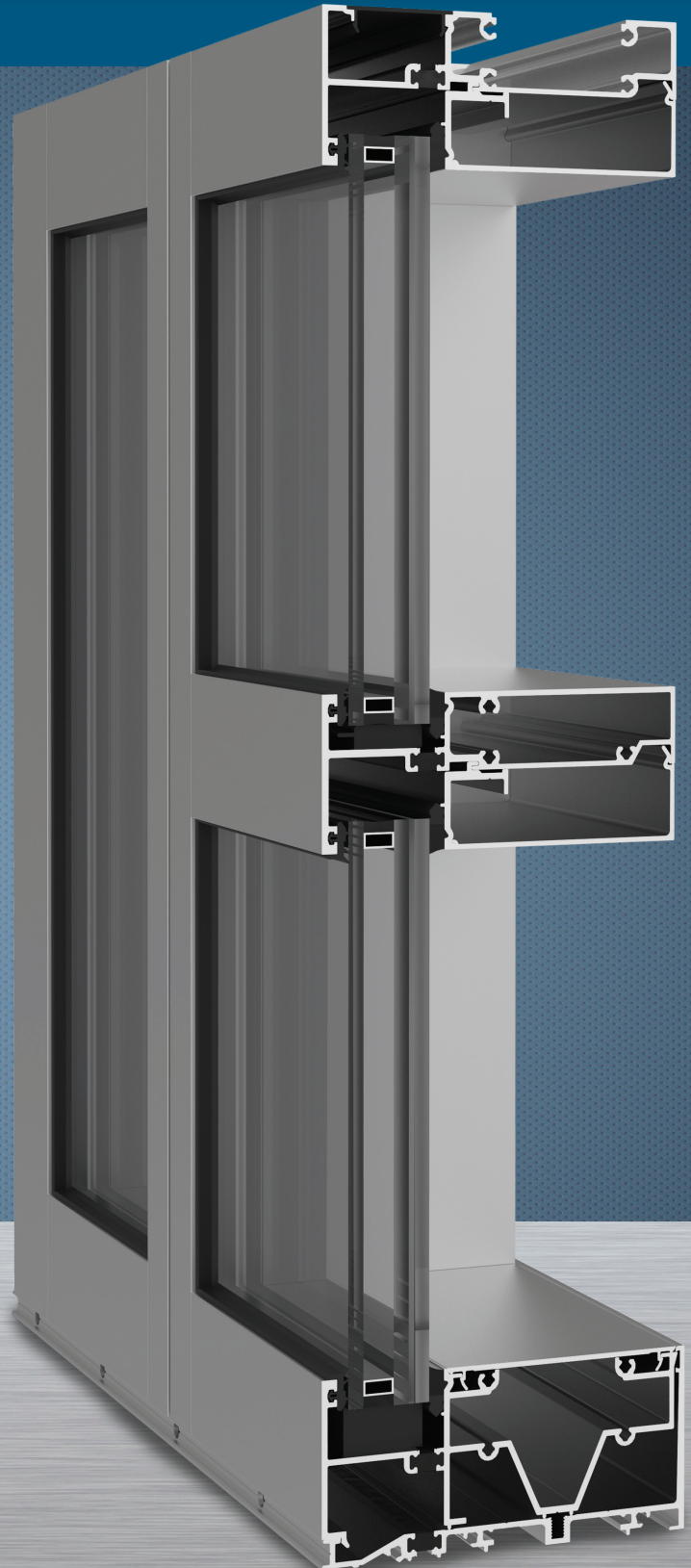
CRF Minimum 71_{frame} & 64_{glass}

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



**YKK
ap**

Quality
inspires®



YHW 60 TU

SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2-1/2"	6"	Pre-Glazed or Inside & Front Set	1-5/16" Laminated Insulating	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	Lam STC: 39 Lam OITC: 33
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1425
Florida Product Approvals				Large and Small Missile, IBC Statewide and HVHZ		
Available Finishes				Factory Anodized (AAMA 612) and Organic Paints (AAMA 2605)		

Thermal Performance						
1-5/16" Laminated IGU				BTU/hr·ft ² ·°F		
C.O.G U-Factor	0.30	0.28	0.26	0.24	0.22	0.20
2-1/2" x 6"	0.42	0.41	0.39	0.37	0.36	0.34
Testing Standards	AAMA 507					

CRF	
Frame	Glass
71	64
AAMA 1503	

INSTALLATION / PRE-GLAZE/SILL FLASHING

Installation Efficiency

- Anchoring options for varying wall conditions
- Impact and non-impact glazing utilize the same system
- Small Missile and Non-Impact are dry glazed
- Optional strap anchors for varying wall construction

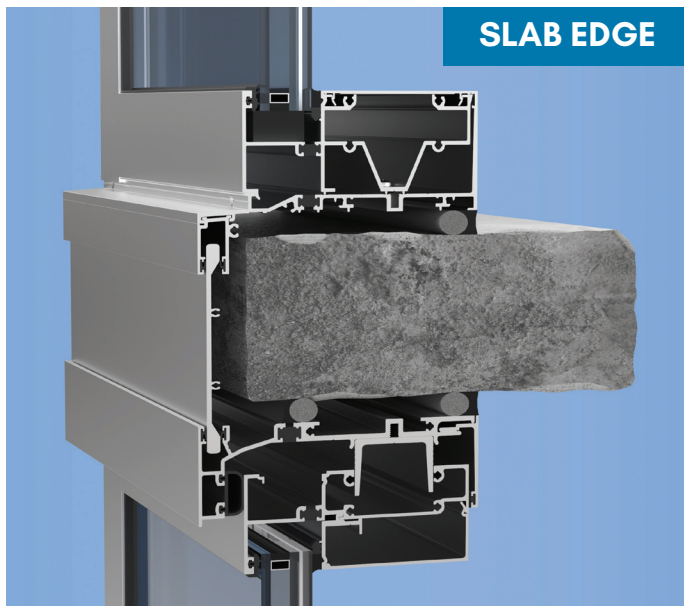
High Performance Sill Flashing

- No Blind Seals and no secondary penetration of sill and flashing
- Taller back leg for enhanced water resistance in the field, and in field water testing
- Patented 3 point attachment of end dam that remains intact and sealed



Pre-Glaze in the Shop

- Faster "dry in" of the building
- Reduced time and field labor at the job site
- Critical seals done in environmentally controlled area **or Inside-Glaze at the job site**



Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:

www.ykkap.com/commercial/product/window-walls/yhw-60-tu/