

Product w/ Description	YCN 40 A 2" x 4" offset, front loaded ribbon window framing system design for a clean, open look without exposed fasteners.	YCN 40T A 2-1/4" x 4" thermally broken, offset, front loaded ribbon window framing system design for a clean, open look without exposed fasteners.	YWE 40T A 2" x 4" thermally improved, front loaded window wall system glazed from the interior to reduce labor costs.	YWE 60T A 2" x 6" thermally improved, front loaded window wall system glazed from the interior to reduce labor costs.
Typical Vertical Detail				
Applications	Storefront Ribbon Windows Punched Openings	Storefront Ribbon Windows Punched Openings	Storefront Ribbon Windows Punched Openings	Storefront Ribbon Windows Punched Openings
Glazing Options	Inside Glazed Outside Glazed	Inside Glazed Outside Glazed	Inside Glazed	Inside Glazed
Infill Options	1/4" & 1"	1/4" & 1"	1/4" & 1"	1/4" & 1"
Slab Edge Cover	No	No	No	No
Thermal System / Performance	No	Thermally Broken / CRF: 60 U-value: 0.45 btu/hr/ft ² /°F	Thermally Improved / CRF: 59 U-value: 0.45 btu/hr/ft ² /°F	Thermally Improved / CRF: 64 U-value: 0.47 btu/hr/ft ² /°F
Acoustical Rating	-	-	-	STC: 31 (1" ann), 34 (1" lami) OITC: 26 (1" ann), 28 (1" lami)
SSG	No	No	Optional	Optional
2-Color Option	No	Yes	Yes	Yes
Entrance Integration	No	No	No	Yes
SSG Vent Integration	Yes	No	Yes	No
ThermaShade® Integration	No	No	No	No
Assembly Method	Shear Block, Continuous Head and Sill	Shear Block, Continuous Head and Sill	Screw Spine, Shear Block	Screw Spine, Shear Block
Hurricane Impact Tested	-	-	-	-
Blast Mitigation	-	-	-	-
Seismic Drift	-	-	-	-
Air/Water/Structural Performance Test Standards	ASTM E 283, E 330, E 331 AAMA 101/I.S.2-97	ASTM E 283, E 330, E 331 AAMA 101/I.S.2-97 AAMA 1503 NFRC 102	ASTM E 283, E 330, E 331 AAMA-NWWDA 101/I.S.2-97 AAMA 1503 NFRC 100	ASTM E 283, E 330, E 331 AAMA 1503, 1801 NFRC 100

See General Notes at end of document.

Product w/ Description	YWW 40T A 2-1/4" x 4" thermally broken, front loaded window wall system for multi-storey buildings.	YWW 45T A 2-1/4" x 4-1/2" thermally broken, front loaded window wall system for multi-storey buildings.	YWW 50T A 2-1/4" x 5" thermally broken, front loaded window wall system for multi-storey buildings. Slab edge covers are available.	YWW 45 FS A 1-3/4" x 4-1/2" front set window wall system for multi-storey buildings.
Typical Vertical Detail				
Applications	Storefront Ribbon Windows Punched Openings	Storefront Ribbon Windows	Storefront Ribbon Windows	Storefront Ribbon Windows Punched Openings
Glazing Options	Inside Glazed Outside Glazed	Inside Glazed Outside Glazed	Inside Glazed	Inside Glazed
Infill Options	1/4" & 1"	1/4" & 1"	1/4" & 1"	1/4"
Slab Edge Cover	No	No	Optional	No
Thermal System / Performance	Thermally Broken / CRF _e : 73 U-value: 0.46 btu/hr/ft ² /°F	Thermally Broken / CRF _e : 69 U-value: 0.40 btu/hr/ft ² /°F	Thermally Broken / CRF _e : 70 U-value: 0.41 btu/hr/ft ² /°F	No
Acoustical Rating	STC: 35 OITC: 29	STC: 33 (1" ann), 35 (1" lami) OITC: 26 (1" ann), 29 (1" lami)	STC: 33 (1" ann), 36 (1" lami) OITC: 27 (1" ann), 30 (1" lami)	-
SSG	No	Optional	Optional	Optional
2-Color Option	No	Yes	Yes	Yes
Entrance Integration	No	No	No	Yes
SSG Vent Integration	Yes	No	Yes	No
ThermaShade® Integration	No	No	No	No
Assembly Method	Screw Spline, Shear Block	Screw Spline, Shear Block, Vertical Run-Thru Continuous Head and Sill	Screw Spline, Shear Block, Vertical Run-Thru Continuous Head and Sill	Screw Spline, Shear Block, Vertical Run-Thru Continuous Head and Sill
Hurricane Impact Tested	-	-	-	-
Blast Mitigation	-	-	-	-
Seismic Drift	-	-	Passed @ 1.62" horizontal displacement (3 cycles)	-
Air/Water/Structural Performance Test Standards	ASTM E 283, E 330, E 331 AAMA 1503, 1801 NFRC 102	ASTM E283, E 330, E 331 AAMA 507, 1503, 1801 NFRC 102	ASTM E283, E330, E331 AAMA 501, 501.4, 507, 1503	ASTM E283, E330, E331 AAMA 101/I.S.2-97

See General Notes at end of document.

Product w/ Description	YWW 45 FI A 2-1/4" x 4-1/2" front set window wall system for multi-storey buildings.	YWW 45 TU A 2-1/4" x 4-1/2" thermally broken, front set window wall system for multi-storey buildings.	YWW 50 TU YWW 60 TU A 2-1/2" wide pre-glazed, thermally broken, front set window wall system for multi-storey buildings.	YHW 60 TU ProTek A 2-1/4" x 6" impact rated, pre-glazed, thermally broken, front set window wall system for multi-storey buildings.
Typical Vertical Detail				
Applications	Storefront Ribbon Windows Punched Openings	Storefront Ribbon Windows	Storefront Ribbon Windows	Storefront Ribbon Windows Punched Openings
Glazing Options	Inside Glazed Outside Glazed	Inside Glazed Outside Glazed	Preglazed Captured, Preglazed SSG, Field Glazed	Inside Glazed
Infill Options	1/4" & 1"	1/4" & 1"	1/4" & 1"	1-1/4" & 1-5/16"
Slab Edge Cover	No	No	Yes	Yes
Thermal System / Performance	No	Thermally Broken / CRF: 69 U-value: 0.39 btu/hr/ft ² /°F	Thermally Broken / CRF: 49 U-value: 0.41 btu/hr/ft ² /°F	Thermally Broken / CRF: 59 U-value: 0.42 btu/hr/ft ² /°F
Acoustical Rating	STC: 35 OITC: 29	STC: 31 (1" ann), 35 (1" lami) OITC: 25 (1" ann), 29 (1" lami)	STC: 32 (1" hs), 35 (1" lami) OITC: 26 (1" hs), 29 (1" lami)	STC: 36 OITC: 30
SSG	Optional	Optional	Optional	No
2-Color Option	No	No	No	No
Entrance Integration	Yes	Yes	Yes	No
SSG Vent Integration	Yes	No	No	No
ThermaShade® Integration	No	No	No	No
Assembly Method	Screw Spline, Shear Block, Vertical Run-Thru Continuous Head and Sill	Screw Spline, Shear Block, Vertical Run-Thru Continuous Head and Sill	Screw Spline, Pre-Glazed or Field Glazed	Screw Spline, Pre-Glazed or Field Glazed
Hurricane Impact Tested	-	-	-	Small Missile Large Missile
Blast Mitigation	-	-	-	-
Seismic Drift	-	Passed @ 1.62" horizontal displacement (3 cycles)	-	-
Air/Water/Structural Performance Test Standards	ASTM E 283, E 330, E 331 AAMA 1801	ASTM E 283, E 330, E 331 AAMA 507, 1503, 1801 NFRC 100	ASTM E 283, E 331 AAMA 507, 1503, 1801 NFRC 102	ASTM E90, E330, E1425, E1886 / 1996 TAS 201, 202, 203 AAMA 1503 NFRC102

See General Notes at end of document.

GENERAL NOTES

Glass and glazing building codes governing the design and use of products vary widely. YKK AP America Inc. does not control the selection of products, product configurations, operating hardware and function, or glazing materials, and YKK AP assumes no responsibility for these design considerations. It is the responsibility of the design professional, owner, architect, specifier, general contractor, and the installer to make these selections in strict accordance with all applicable codes.

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