

| 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 _e : 60 U-value: 0.45 btu/hr/ft ² /°F | Thermally Improved / CRF _e : 59 U-value: 0.45 btu/hr/ft ² /°F | Thermally Improved / CRF _e : 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 Spline, Shear Block | Screw Spline, 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. | YHW 60 TU ProTek A 2-1/4" x 6" 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 Punched Openings | |
| Glazing Options | Inside Glazed Outside Glazed | Inside Glazed Outside Glazed | Inside Glazed | |
| Infill Options | 1/4" & 1" | 1/4" & 1" | 1-1/4" & 1-5/16" | |
| Slab Edge Cover | No | No | Yes | |
| Thermal System / Performance | No | Thermally Broken / CRF _i : 69 U-value: 0.39 btu/hr/ft ² /°F | Thermally Broken / CRF _i : 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: 36 OITC: 30 | |
| SSG | Optional | Optional | No | |
| 2-Color Option | No | No | No | |
| Entrance Integration | Yes | Yes | No | |
| SSG Vent Integration | Yes | No | No | |
| ThermaShade® Integration | 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 | |
| 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 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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