

2600xpt Series

Storefront



Kansas State University
Morris Family Multicultural Student Center
Manhattan, KS



With energy performance at the forefront of many project design conversations, Manko Window Systems has developed its **2600xpt** system to meet high performance storefront needs. The 2" profile and 6" depth fit the typical offset storefront design; however, this system has dual pour and debridged thermal breaks to significantly improve u-values and condensation resistance. This system is well suited for low-rise applications and punched openings; refer to Manko's wind load charts for structural capabilities. The **2600xpt** is compliant with AAMA air and water testing and NFRC 100, 200, and 500 certifications.

Performance Test Standards

Air Infiltration	ASTM E283
Water Penetration	ASTM E331 & E547
Structural	ASTM E330
Condensation (CRF)	AAMA 1503-09
Thermal	NFRC 100, 200, & 500

2600xpt Product Features

- 2" Face Dimension, 6" Frame Depth
- Offset Glazing Plane
- Dual Pour & Debridged Thermal Breaks
- Screw Spline Construction
- 3/16" - 1 1/8" Glazing Cavity
- Integral or Dual Glazed Blind Options
- Window Vent Options
- Anodized and AAMA 2605 Paint Finishes

System Performance Values

Glass Types	Air U-Value	Argon U-Value	SHGC	CR
Clear SN 68 #2 / Clear	0.38	0.34	0.34	54
Clear SNX 62/27 #2 / Clear	0.37	0.33	0.24	55
Clear SB60 #2 / Clear	0.37	0.34	0.35	54
Clear SB70 #2 / Clear	0.37	0.33	0.25	55
Clear SN 68 #2 / IS 20 #4	0.33	0.30	0.32	49

Air Infiltration (ASTM E283)	Water Resistance (ASTM E547 & E331)	CRF (AAMA 1503)
≤ 0.3 cfm/ft ²	12 PSF*	72

* Values Calculated with Manko's Warm Edge Spacer Values Subject to Change without Notice

Storefront at a Glance

Series	Glazing Plane	Face Profile	Frame Depth	Thermal Break	Thermal Performance
450 - 1	Center	1 3/4"	4 1/2"	---	
450 - 2	Center	2"	4 1/2"	---	
450 - 3	Center	2"	4 1/2"	---	
2450	Center	2"	4 1/2"	P&D	●
2450FS	Front	2"	4 1/2"	P&D	●
2450xpt	Center	2"	4 1/2"	Dual P&D	●●
2600xpt	Offset	2"	6"	Dual P&D	●●
5450i	Center	2 1/4"	4 1/2"	Strut	●●

Sun Prairie West High School
Sun Prairie, WI



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Manko's 2600xpt Series