

# 150xpt Series

## Thermal Storefront Door



Sun Prairie West High School  
Sun Prairie, WI

By request of a specific market, Manko developed its most robust and thermally efficient door. Designed by thermally cladding our standard 1 3/4" door, the **150xpt series** utilizes a 3/16" thick interior wall to provide superior thermal efficiency and durability. This 2 9/16" thick thermally cladded heavy duty wide stile door is ideal for high traffic use while still meeting some of the strictest energy codes.

All doors are fabricated utilizing a telescoping mortise and tenon joint coupled with a horizontal shear block, and then further reinforced with a 3/8" steel tie rod and sleeve ensuring long lasting durability and structural integrity. These thermal doors seamlessly integrate within all of Manko's storefront and curtain wall systems.

Multiple hardware options are available, however hardware compatibility with a specific door series must be taken into consideration, whether that be manufacturer's standard hardware or custom hardware.





Hudson High School  
Hudson, WI

### 150xpt Product Features

- Wide Stile (5") Profile - Thermal Cladded
- 2 9/16" Door Thickness
- 1/8" Wall Thickness
- 3-Way Corner Construction
- Range of Mid-Rail Options
- ADA Compliant - 10" Bottom Rail
- 3/16" - 1" Glazing Infill
- Standard & Custom Hardware Available
- Anodized and AAMA 2605 Paint Finishes

### 150xpt System Performance Values

Class Types	Air U-Value	Argon U-Value	SHGC	CR
Clear SN 68 #2 / Clear	0.52	0.50	0.20	42
Clear SNX 62/27 #2 / Clear	0.52	0.50	0.15	42
Clear SB60 #2 / Clear	0.52	0.50	0.20	42
Clear SB70 #2 / Clear	0.52	0.50	0.15	43
Clear SN 68 #2 / IS 20 #4	0.50	0.48	0.19	42

Values Subject to Change without Notice

### Doors at a Glance

Series	Stile	Door Thickness	Wall Thickness	High Traffic Performance	Thermal Performance
100	Narrow	1 3/4"	1/8"	●	
135	Medium	1 3/4"	1/8"	●	
150	Wide	1 3/4"	1/8"	●	
135H	Medium	2"	3/16"	●●	
150H	Wide	2"	3/16"	●●	
135i	Medium	2 1/8"	1/8"	●	●
150i	Wide	2 1/8"	1/8"	●	●
150xpt	Wide	2 9/16"	1/8"-3/16"	●	●



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Manko's 150xpt Series