

# Product Data Sheet

450U

Urethane Insulated 2" Commercial Steel Door



450U door features 2" thick panels constructed with polyurethane foam insulation bonded to superior grade galvanized steel and comes with thermally broken tongue and groove section joints.

- Thermally broken tongue and groove section joints
- Heavy duty 3-layer sandwich construction with injected polyurethane foam insulation bonded to steel front and back 100% CFC & HCFC free
- R-18.4, U-Factor 0.154, Air Inf 0.19 cfm/ft<sup>2</sup> (Urethane Insulated)
- Available section heights: 21" & 24"
- 15" radius bracket mount track standard
- Between section weather seal
- Stucco embossing
- 10 year warranty on sections
- 1 year hardware warranty
- 1 year springs warranty

Door Specification	Description
Standard Door Size	Width: 8' - 26'2" Height: 8' - 20'
Material Thickness / Door Type	Polyurethane T&G 2" - 0.015"
Door Design	Microgroove & Flush
Texture	Woodgrain Stucco
Colors	White, Brown, Sandstone, Metallic Silver (RAL 9006), Black
Galaxy Paint	Optional
Insulation	Urethane Insulated
Thermal Resistance (R-value)	18.4
Heat Transfer Coefficient (U-factor)	0.154
Air Infiltration Value (cfm/ft <sup>2</sup> )	0.19
Door Sections Only (DSO) Option	YES
Springing	Torsion
Track Options	Standard: 15" Radius Bracket Mount (12" radius option in 2" track up to 14' high door only) Bracket Mounted, Continuous Angle, Reverse Angle Track
Builder's Grade	N/A
Window Options	24" x 6", 24" x 12", Clear anodized or Color matched full-view aluminum sections
Glass Options	Commercial Glass (annealed is standard): Clear, Satin Etch, White Laminate Full-view: Clear, Satin Etch, Gluechip, Obscure, Privacy, Grey, Bronze, Mistlite, White Laminate, Black Laminate
Windload	External: Z4500035, Internal: W139, W138
Hardware	14 gauge hinges, 11 ball bearing rollers
Strutting	2 1/4" Strutting used up to 16'2" and 3" used after
Manufacturer Warranty	10 year sections, 1 year hardware, 1 year springs



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