



THERMAL STOREFRONT DOOR SYSTEMS

Let's Shine.

D500XT / D350XT

Thermal entrances, built for *performance.*

Boyd's thermally broken aluminum entrance doors are built for demanding commercial openings where energy performance, durability, and clean storefront aesthetics matter. Choose the D500XT wide stile for heavy-duty applications or the D350XT medium stile for slimmer modern sightlines.

D500XT · 5" WIDE STILE | D350XT · 3.5" MEDIUM STILE

01 **D500XT**
5" WIDE STILE · HEAVY-DUTY COMMERCIAL

02 **D350XT**
3.5" MEDIUM STILE · MODERN SIGHTLINES

D500XT & D350XT — *thermal entrance doors*

D500XT

WIDE STILE
5" / heavy-duty commercial



STILE	5" wide
TOP RAIL	5"
BOTTOM RAIL	10" ADA / 6-1/2" standard
DOOR THICKNESS	2" — accommodates most standard commercial entrance hardware
THERMAL BREAK	24 mm polyamide
FINISHES	Anodized, Kynar, Powder Coat
BEST FOR	High-traffic retail, schools, healthcare

D350XT

MEDIUM STILE
3.5" / modern sightlines



STILE	3-1/2" medium
TOP RAIL	3-1/2"
BOTTOM RAIL	10" ADA / 6-1/2" standard
DOOR THICKNESS	2" — accommodates most standard commercial entrance hardware
THERMAL BREAK	24 mm polyamide
FINISHES	Anodized, Kynar, Powder Coat
BEST FOR	Office, hospitality, retail, and modern storefronts

PERFORMANCE

PROPERTY	Test Method	D500XT	D350XT
U-Factor single / pair	NFRC 100	0.49 / 0.47	0.46 / 0.44
Air Infiltration cfm/ft, single / pair	ASTM E283	0.41 / 0.88	0.26 / 0.66
Water Resistance	ASTM E331	limited water	limited water
Uniform Load psf	ASTM E330	30.08	30.08

Values shown are based on tested or simulated configurations with 1" insulating glass. Performance varies by size, glazing makeup, frame condition, and project configuration. Project-specific reports available upon request.

GLAZING

1" insulated glass standard.
1/4" single glazing available where project requirements allow.

HARDWARE

Hinging: offset pivot, butt hinge, or continuous hinge.
Exit: push/pull, rim panic, or CVR.
Custom hardware on request.

IN PLACE

Boyd thermal entrances pair with B450XT & B460XT storefront framing for unified envelope performance.