

# 400T

ACRO  
THERMALLY  
BROKEN DOOR

MEDIUM STYLE

Engineered  
for modern  
commercial  
performance.



The Acro 400-T Series Thermally Broken Aluminum Door delivers **durability and advanced thermal efficiency** for demanding building envelope conditions.

## PRODUCT OVERVIEW

The Acro 400-T Series Thermally Broken Aluminum Door is designed to deliver superior thermal performance, durability, and compatibility with modern commercial building systems.



## TECHNICAL SPECIFICATIONS

**Medium stile:** 3 1/2" (88.5mm) vertical stile.  
4" (102mm) top & bottom

**Door depth:** 2 1/2" (57 mm)

**Bottom rail options:** 7 1/2" (190.5mm) or 10" (264mm)

**Accepts:** 1" (25mm) insulated glass (double glazed)  
or 1-1/2" (36mm) triple glazing

**Materials:** Aluminum 6063-T6 tempered

Thermal Break polyamide 6.6, 25%  
glass fiber reinforced

**Gaskets:** EPDM or Silicone

**Fasteners:** Stainless Steel

## GLAZING OPTIONS



**DOUBLE GLAZED**  
1" (25mm)  
Insulated Glass

**TRIPLE GLAZED**  
1-1/2" (30mm)  
Insulated Glass

## KEY FEATURES



### ENERGY EFFICIENT

NFRC rated, Optional foam insulation to lower standard U-Value when required.



### AIR & WATER PERFORMANCE

Engineered for superior air tightness and water resistance in demanding building conditions.



### DURABLE & RELIABLE

Constructed from 6063-T6 tempered Aluminum and mechanically fastened for long lasting performance



### DESIGN FLEXIBILITY

Compatible with storefront and certain wall systems. Multiple finish and hardware options

## ENERGY PERFORMANCE - U-VALUE

U-Value range depends on glass configuration. See full table on website. Lower is Better

**DOUBLE GLAZED  
WITHOUT FOAM**  
(Standard)

**0.502 - 0.461**

**DOUBLE GLAZED  
WITH FOAM**  
(Best Performance)

**0.447 - 0.405**

**TRIPLE GLAZED  
WITHOUT FOAM**  
(Standard)

**0.428 - 0.412**

**TRIPLE GLAZED  
WITH FOAM**  
(Best Performance)

**0.373 - 0.357**

## FINISH OPTIONS



Clear Anodized



Black / Dark Bronze Anodized



Custom color powder or Duracron

Different finishes available for interior and exterior

## HARDWARE COMPATIBILITY

- ✓ Continuous gear hinge
- ✓ Compatible with North American locking and panic hardware
- ✓ Standard 9" commercial d-pull (other pull styles available)
- ✓ Ladder Pulls - Offset Back-to-Back 36", 48" and other sizes are available

## COMPATIBILITY



Compatible with most storefront & curtain wall systems



Compatible with most commercial door hardware

## APPLICATIONS



Residential Building



Commercial Buildings



Office Entrances



Retail stores



Institutions



Healthcare Facilities

## Performance Category

## Test Result

## Classification

Performance Category	Test Result	Classification
Performance Class & Grade	CW - PG35	Commercial Certified
Tested Size	1085 x 2222 mm (43" x 83")	- Certified
Design Pressure	~1680 Pa	DP35 Pass
Air Leakage @ 75 Pa	0.35 /0.87 L/s-m	Well below CW limit Pass
Water Penetration	0 Pa	OP LW Tested
Structural Performance	Max deflection 4.67 mm @ DP50	1/175 Pass
Durability	250,000 cycles	CW Requirement Pass
Forced Entry Resistance	AAMA 1304	- Pass
QAI Certified	NAFS-22 & CSA A440	- Certified

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READY FOR TOMORROW.**