

# 5500 Series Terrace Door Outswing Single

## AW40/AW70/AW100 with a 3¼" Frame



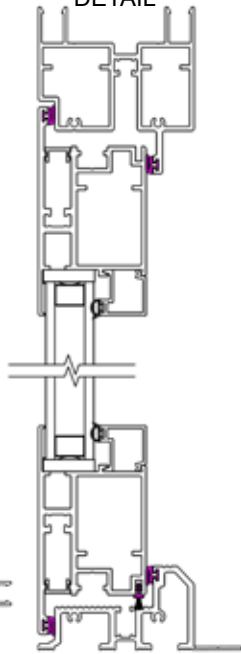
Quality Windows & Doors for All Seasons

Wojan's 5500 Series Terrace Door is a high-rise commercial grade, architectural door.

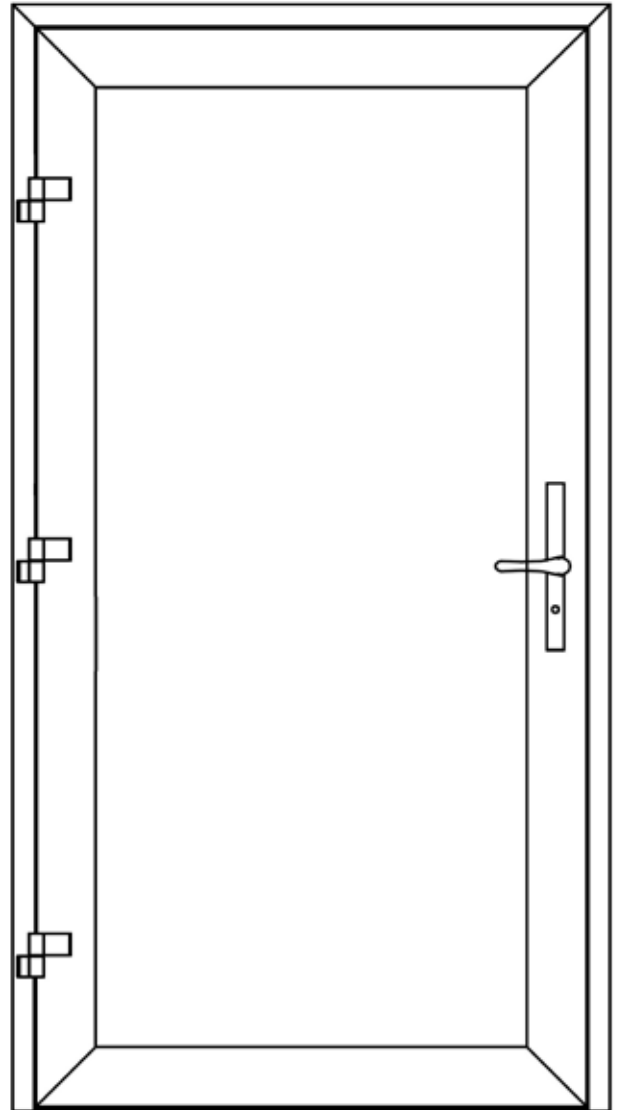
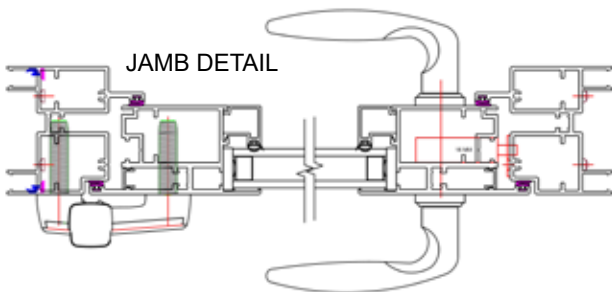
Prominent features include:

- 1" IGU with tempered glass
- 3¼" thermally broken frame with Azo-Brader™ technology
- Versatile dual-accessory channels
- Contemporary design
- Heavy-duty construction

HEAD & SILL  
DETAIL



JAMB DETAIL



### Product Performance Details (AAMA 101 ATD)

Series	Product Designation ♦ ♥	Structural/ Water/Air Test Size (W x H)	Air Infiltration (cfm/sq ft)	Water Resistance (psf)	Deflection (psf)	Structural <sup>^</sup> (psf)
TD5540	AW40	48" x 96"	0.04 @ 6.24 psf	8.15	40	60
TD5570	<i>optional: AW70</i>			12.11	70	105
TD5600	<i>optional: AW100</i>			12.11	100	150

Additional optional performance categories available. Contact Wojan Window & Door for details.

♦ TEST METHOD: AAMA/WDMA/CSA101/I.S.2/A440-17, NASF 2017-North American Fenestration Standard/Specification for Windows, Doors and Skylights

♥ Many window ratings can be increased by downsizing the window and determining maximum performance either through testing or calculation.

<sup>^</sup> This is an intentional overload aspect to window performance testing and should not be used in lieu of the window DP (Design Pressure) when evaluating a product for a specific project or use.

## TECHNICAL INFORMATION

- AAMA 101 ATD – Architectural Terrace Door product designation
- AAMA specification tested, and NAMI certified
- AW40 and AW70 performance classifications – optional AW100 available
- Air infiltration testing (@ 6.24 psf) results: 0.04 cfm/ft<sup>2</sup>
- Air infiltration testing (after thermal cycling) results: 0.02 cfm/ft<sup>2</sup>
- Water penetration resistance test pressure in accordance with design pressures
- Thermal cycling per AAMA 501.5: pass 6 cycles (0°F to 180°F)
- Operating force per ASTM E 2068: pass before and after thermal cycling
- Door leaf cycle testing & misuse testing per AAMA 910: pass 4,000 cycles
- Forced entry resistance testing per AAMA 1304: pass
- Operation/cycling performance testing per AAMA 920: pass 25,000 cycles (AW)

## FEATURES AND APPLICATION

- Contemporary design and heavy-duty construction
- High-rise commercial grade, architectural terrace door
- 3¼” frame depth with Azo-Brader™ polyurethane thermal barrier
- Custom made (width x height) dimensions – specific to project needs
- Azo-Brader™ technology features a 10 year warranty

**Azo-Brader™ Technology:**  
Abrasion “hooks” displace metal along the lugs to improve adhesion in the thermal barrier pocket.

*Our products feature a pour and debridge polyurethane thermal break for better performance, utilizing Azo-Brader™ technology with a 10-year pass-through warranty against failure of the polymer.*



- Heavy-duty wall thickness using aluminum alloy 6063-T6
- Frame and panel corners assembled with a custom corner key, for superior strength
- Single panel terrace doors, side lites and transoms also available. Contact us for more information
- Clear Anodized (AAMA 611), Bronze, White (AAMA 2603) and optional special colors and finishes available, including AAMA 2605
- Numerous IGU glazing options (1” overall), including High Performance Packages – call for details
- Fully assembled (pre-hung) terrace door – ready for installation

## HARDWARE AND ASSEMBLY

- Standard sill (CA only): features a triple seal with self-cleaning sweep
- Architectural grade handles: key lock standard with various styles and finishes
- Multi-point locking points are “shootbolt design”, locking directly into the frame
- Nailing fins and installation accessories available – compatible with other Wojan 3¼” series
- Versatile dual-accessory channels built into frame
- Stainless steel 3-point locking system includes latch lock and deadbolt
- European engineered & styled hinges, adjustable in 6 directions
- Double hydro-polymer seals on head and jambs of frame/panel (perimeter)

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Made in the U.S.A.



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