

MODEL 5000 FAP (FLUSH ALUMINUM) COMMERCIAL SPECIALTY ALUMINUM DOOR



SCAN



CAPITOL
Aluminum & Glass

Window & Door Specialists



Architecturally Striking, Engineered for Sophisticated Style and Lasting Performance.

This premium flush aluminum panel door system delivers a sleek, modern aesthetic without compromising long-term durability.

Precision-engineered for consistent operation and elegant visual appeal in commercial and institutional settings, the 5000 FAP offers versatile design possibilities through a variety of standard finish and lite kit options.

Experience the lasting quality and sophisticated style that defines the Capitol 5000 FAP.

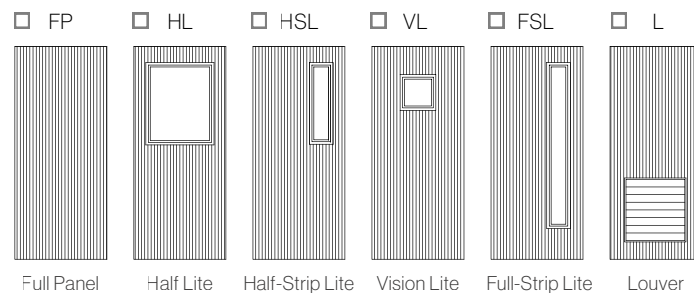
Warranty Protection

We stand behind the quality of our products with comprehensive warranties. Our focus on reliability and longevity help minimize contractor callback and ensure long-term customer satisfaction.

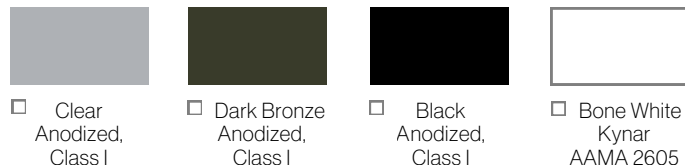


- FAP Doors - 5 years
- Anodize - 5 years
- Kynar 2605 - 10 years

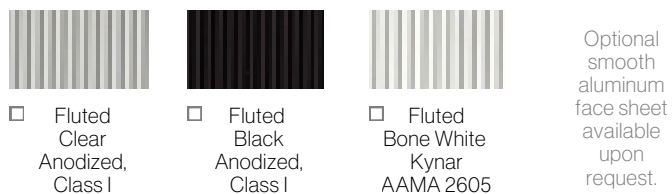
Standard Door Configurations



Door Cap Finish Color Selections



Door Face Sheet Color Selections



* Custom color selections available upon request.

MODEL 5000 FAP (FLUSH ALUMINUM)

SECURITY, DURABILITY, + AESTHETICS

The Capitol 5000FAP Flush Aluminum Panel Door is designed to provide exceptional security, durability, and aesthetics for demanding commercial applications, including educational facilities, healthcare institutions, and government buildings.



Modern Aesthetics

Sleek, flush design for a lasting impression of modern elegance in any commercial or institutional space.



Versatile Design

Wide range of standard finish and lite kit options to perfectly complement your architectural style.



Long-Term Durability

Robust aluminum panel construction built to withstand the rigors of high-traffic commercial environments.



Consistent Operation

Precision-engineered for smooth, reliable access in commercial and institutional settings, day after day.



MODEL 5000 FAP (FLUSH ALUMINUM)

TECHNICAL SPECS + HIGHLIGHTS

INTERNAL STILE AND RAIL

Fully extruded tubular frame, 0.125" wall thickness minimum. Standard 5" head and bottom rails with 4-1/2" vertical stiles, an overall 1-3/4" depth. 6063-T5 alloy and temper material standard.

MECHANICAL JOINTS

Features extruded aluminum gussets with rugged concealed 5/16" tie-rod corner construction for added durability and stability.

FACE SHEET

Outer aluminum door skins on the interior and exterior side of door surfaces come standard in 0.040" fluted (ribbed) pattern. Optional 0.063" smooth aluminum sheet available upon request. All materials are architectural quality 5005 alloy.

HARDBOARD BACKER

Each outer aluminum door skin is bonded to 1/8" oil tempered hardboard backer for impact resistance.

FOAM CORE

The door core features a 6.0 lb/ft³ high-performance polyisocyanurate (polyiso) foam that delivers outstanding physical properties and a wide service temperature range (-297°F to +300°F). Polyiso foam is similar to polyurethane foam but offers greater dimensional stability over a wider service temperature range. It's an environmentally conscious choice, manufactured without ozone-depleting chemicals, and complies with all major industry standards and technical guidelines put forth by ASTM International, Underwriters Laboratories, and the US Departments of Transportation and Defense.

PERIMETER CAP + SWEEP

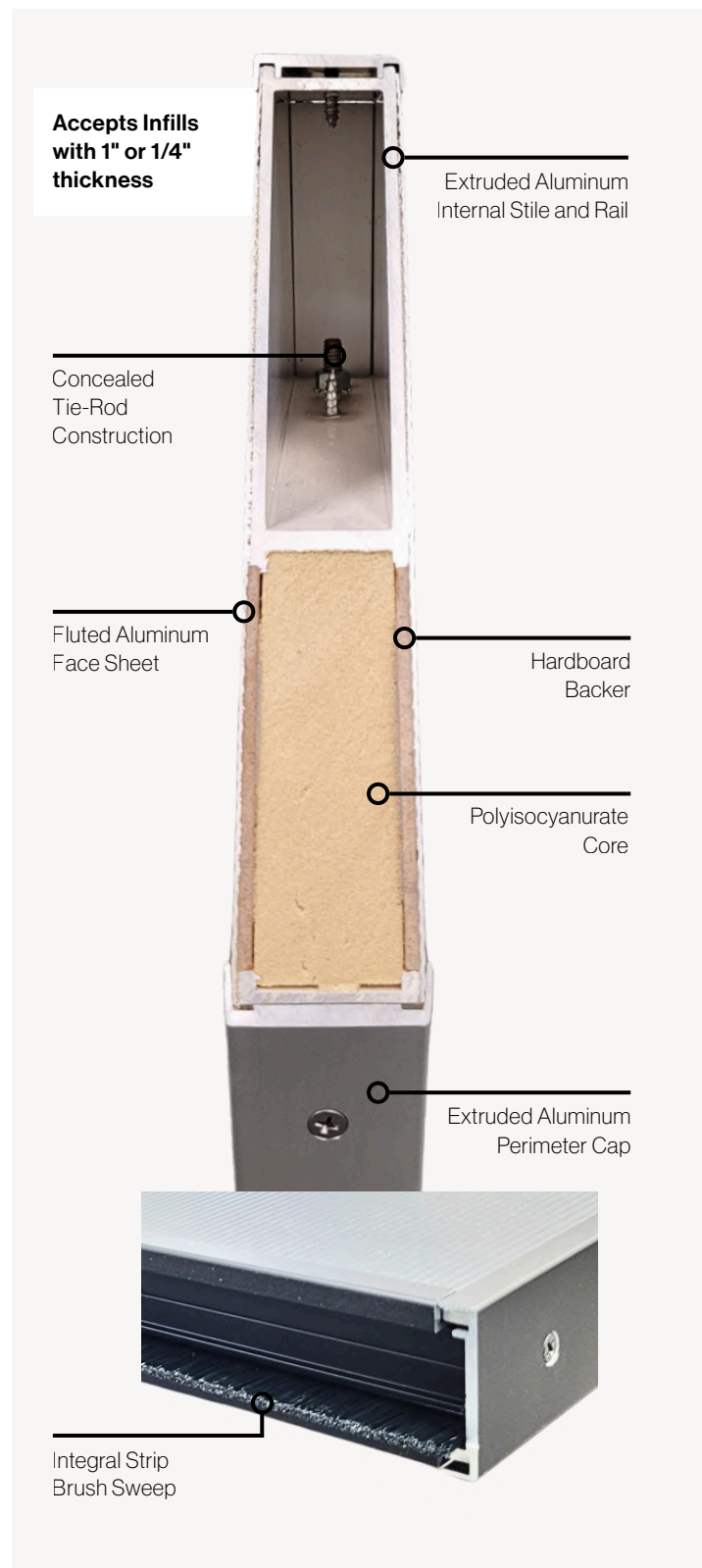
Extruded aluminum perimeter caps are secured to stiles and rails. The bottom perimeter cap features a built-in integral strip brush door sweep.

WEATHER SEAL

Equipped with deep pile weatherstripping to minimize air and water infiltration. Dual Ultra Fin® weather seal and adjustable bullnose standard at meeting stiles of paired doors where no center post is provided.

UNIQUE DOOR SERIAL NUMBER

Every Capitol manufactured door has a unique serial number etched on the inside jamb. This marking allows for efficient tracing back to Capitol project drawings should questions or additional information be required.



MODEL 5000 FAP (FLUSH ALUMINUM)

TEST RESULTS SUMMARY



= Structural Test



= Performance Test

ARCHITECTURAL TESTING PERFORMED

ASTM E 283-04: Determines rate of airflow through exterior doors under specified pressure differences across the specimen.

ASTM E 330-02: Test method for structural performance of exterior doors by uniform static air pressure difference.

SUMMARY OF RESULTS	TEST METHOD
Air Infiltration 0.8 L/s/m ² (0.15 cfm/ft ²) 1.0 m ³ /hr/m (0.18 cfm/ft)	ASTM E283
Design Pressure +/- 3840 Pa (+/- 80.20 psf)	ASTM E330
Uniform Load Structural Test Pressure +/- 5760 Pa (+/-120.30 psf)	ASTM E330

POLYISOCYANURATE CORE TECHNICAL DATA

ASTM E-84: Subjects materials to limited fire conditions when tested in a horizontal ceiling application. Results yield flame spread and smoke density values for the test materials during a 10 minute fire exposure.

PHYSICAL PROPERTIES	TEST METHOD
Density 6.0 lb/ft ³	ASTM D1622
Thermal Conductivity R-value per inch 5.5 (hr ft ² °F)/BTU	ASTM C518
Surface Burning Characteristics Flame Spread 25 Smoke Developed < 450 (thicknesses up to 4 in)	ASTM E84

ARCHITECTURAL TESTING NFRC 100/200 COMPUTER SIMULATION

NFRC 100/200: A computer simulation test method that measures a door's energy performance (U-Factor, SHGC, VT, CR) based on computer simulations. It uses NFRC standards (100 for U-Factor, 200 for SHGC/VT) to ensure accurate ratings.

U-Factor (U-Value): The U-factor measures how well a door prevents heat from escaping. A lower U-factor means better insulation.

Solar Heat Gain Coefficient (SHGC): The SHGC indicates how much solar heat a door lets in. A higher SHGC means more heat gain. This is affected by glazing, number of panes, and coatings.

Visible Transmittance (VT): VT measures how much visible light passes through a door. A higher VT allows more daylight. Coatings and extra glass layers can reduce VT.

CONFIGURATION	GLAZING INFILL	U-FACTOR	SHGC	VT
Full Panel (FP)	No Lite	0.65	0.04	0.00
Half-Strip Lite (HSL)	1" Clear Low-E SN68 #2 IGU	0.70	0.08	0.08
	1" Bronze Low-E SN68 #3 IGU	0.70	0.07	0.05
Half Lite (HL)	1" Clear Low-E SN68 #2 IGU	0.73	0.13	0.16
	1" Bronze Low-E SN68 #3 IGU	0.73	0.11	0.10
Full Strip Lite (FSL)	1" Clear Low-E SN68 #2 IGU	0.75	0.16	0.22
	1" Bronze Low-E SN68 #3 IGU	0.75	0.14	0.13

MODEL 5000 FAP (FLUSH ALUMINUM)

EXPLORE THE POSSIBILITIES



SCAN

Explore Our Website for Additional Capitol Manufactured Products!



SUITABLE APPLICATIONS FOR FAP DOORS!

Commercial Buildings

- Office entrances
- Retail spaces
- Lobby areas
- Waiting rooms
- Wastewater treatment plants
- Healthcare and assisted living facilities

Institutional Facilities

- Schools
- Universities
- Libraries
- Healthcare Facilities
- Administrative offices

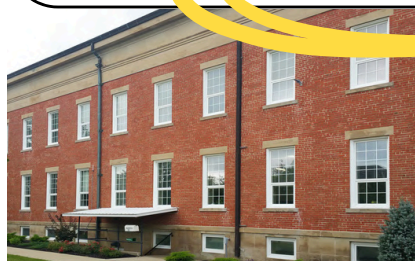
Hospitality Settings

- Hotel rooms
- Conference rooms
- Restaurant entrances
- Pool areas/rooms
- Sports arenas

AND MORE!



<https://www.capitol-windows.com>



WINDOWS

Discover quality and customization in our diverse range of window systems. Whether your project demands energy savings or unique aesthetics, our windows provide the perfect fit for the owner's specific architectural needs and long-term value.



ENTRANCES

Create impactful and secure entrances with Capitol's versatile door systems. Designed for diverse commercial applications, our doors offer a blend of style, durability, and security, backed by expert project support ensuring the best long-term solution for the building owner.



STOREFRONTS

Make a powerful first impression with Capitol's high-performance storefront solutions. Engineered for both stunning aesthetics and lasting durability, our systems seamlessly integrate with our window and door products, enhancing the building's appeal and long-term value for the owner.



CURTAIN WALLS

Unleash your design potential with our versatile and sustainable curtain wall systems. Designed for seamless integration and large-scale impact, our solutions offer exceptional thermal performance and weather protection, contributing to long-term energy savings and occupant comfort.