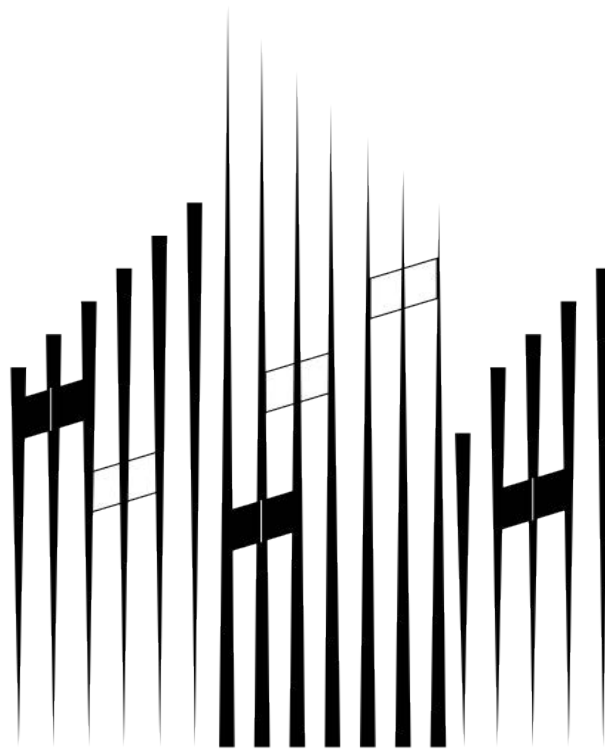




ALL STATES

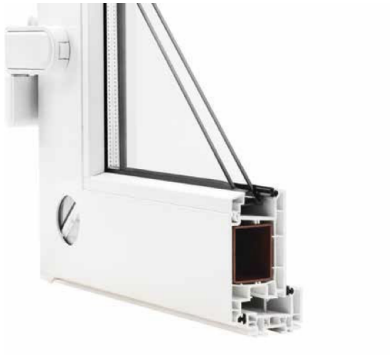
— W I N D O W S —

**2 Research Dr
Shelton CT 06484
tel: 877-302-2001
email: sales@allstateswindows.com**

**DELUXE DOOR SYSTEM
TECHNICAL INFORMATION
PROFILE PRINT**



NFRC Testing Deluxe Door Series



3mm Cl - Argon - 3mm E366 (1")

U-Factor - 0.30

SHGC - 0.15

VT - 0.32

Con. Res. - 64

3mm E366 - Argon - 3mm - 030PVB - 3mm (1")

U-Factor - 0.29

SHGC - 0.14

VT - 0.31

Con. Res. - 65

3mm E366 - Argon - 3mm Cl - Argon - 3mm Cl (1 3/8")

U-Factor - 0.27

SHGC - 0.14

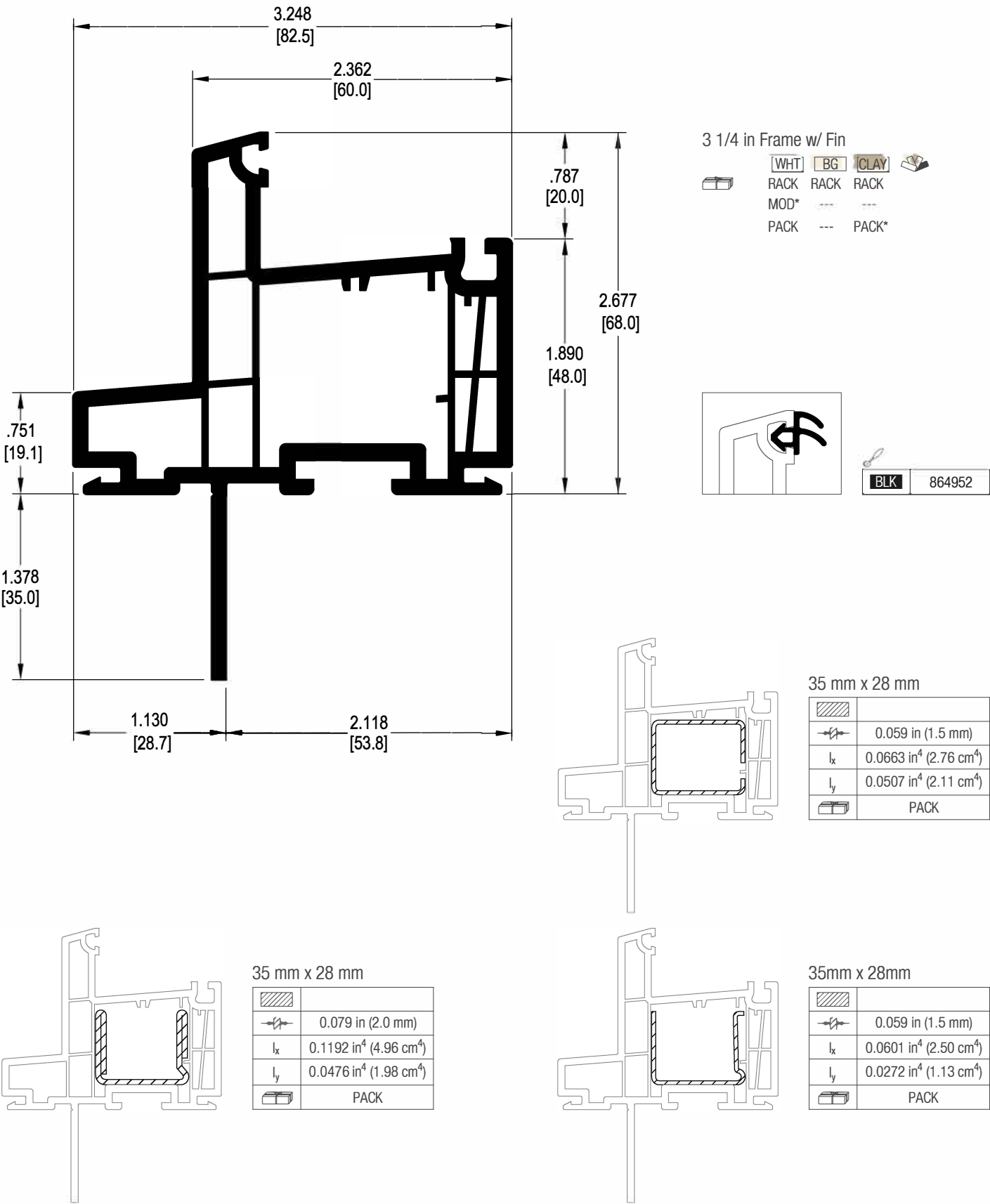
VT - 0.29

Con. Res. - 64

DELUXE WINDOW SYSTEM

PROFILE PRINT

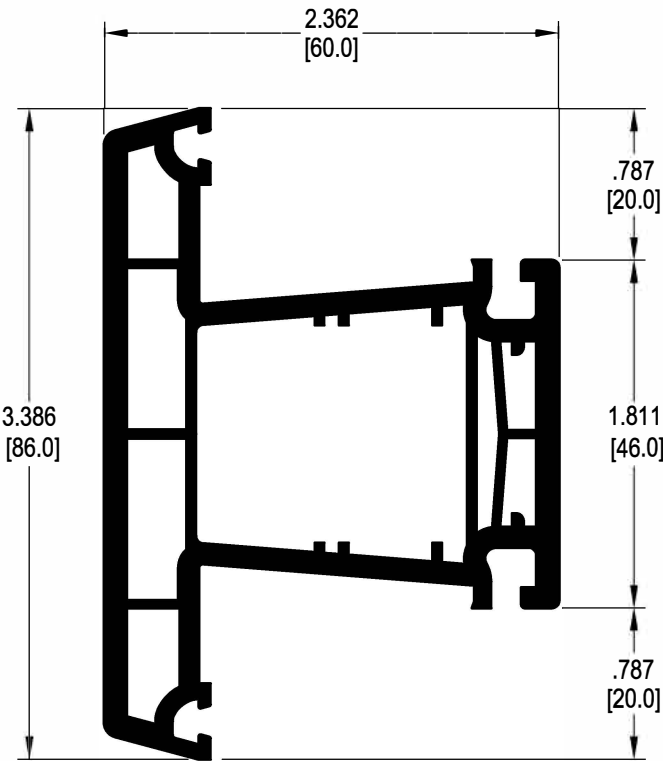
Frame Profiles



DELUXE WINDOW SYSTEM

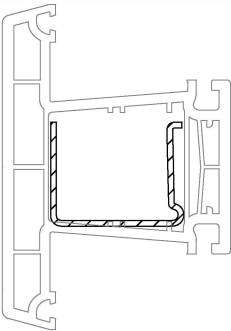
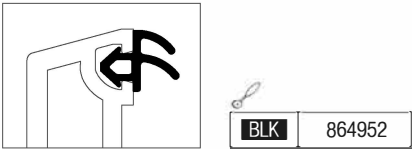
PROFILE PRINT

T-Mullion Profiles



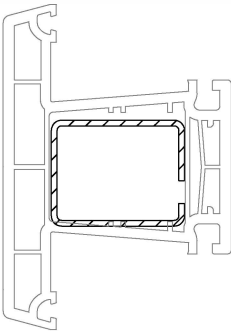
T-Mullion 86

	WHT	BG	CLAY	
RACK	---	RACK		
PACK	PACK*	PACK		



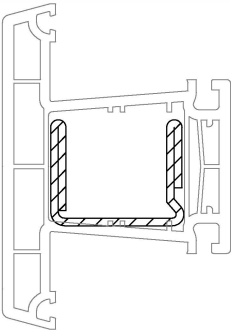
35 mm x 28 mm

	0.059 in (1.5 mm)
I_x	0.0601 in ⁴ (2.50 cm ⁴)
I_y	0.0272 in ⁴ (1.13 cm ⁴)
PACK	PACK



35 mm x 28 mm

	0.059 in (1.5 mm)
I_x	0.0663 in ⁴ (2.76 cm ⁴)
I_y	0.0507 in ⁴ (2.11 cm ⁴)
PACK	PACK

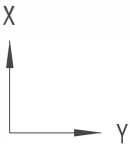


35 mm x 28 mm

	0.079 in (2.0 mm)
I_x	0.1192 in ⁴ (4.96 cm ⁴)
I_y	0.0476 in ⁴ (1.98 cm ⁴)
PACK	PACK

DELUXE WINDOW SYSTEM

PROFILE PRINT



Steel Reinforcement Profiles

Reinforcement Diagram	Thickness Art No.	Weight (kg/m)	Wind Load I_x cm ⁴ (in ⁴)	Glass Load I_y cm ⁴ (in ⁴)
	1.5 mm	1.05	2.48 (0.0596)	1.10 (0.0264)
	2.0 mm	1.99	4.96 (0.1192)	1.98 (0.0476)
	1.5 mm	1.31	2.76 (0.0663)	2.11 (0.0507)

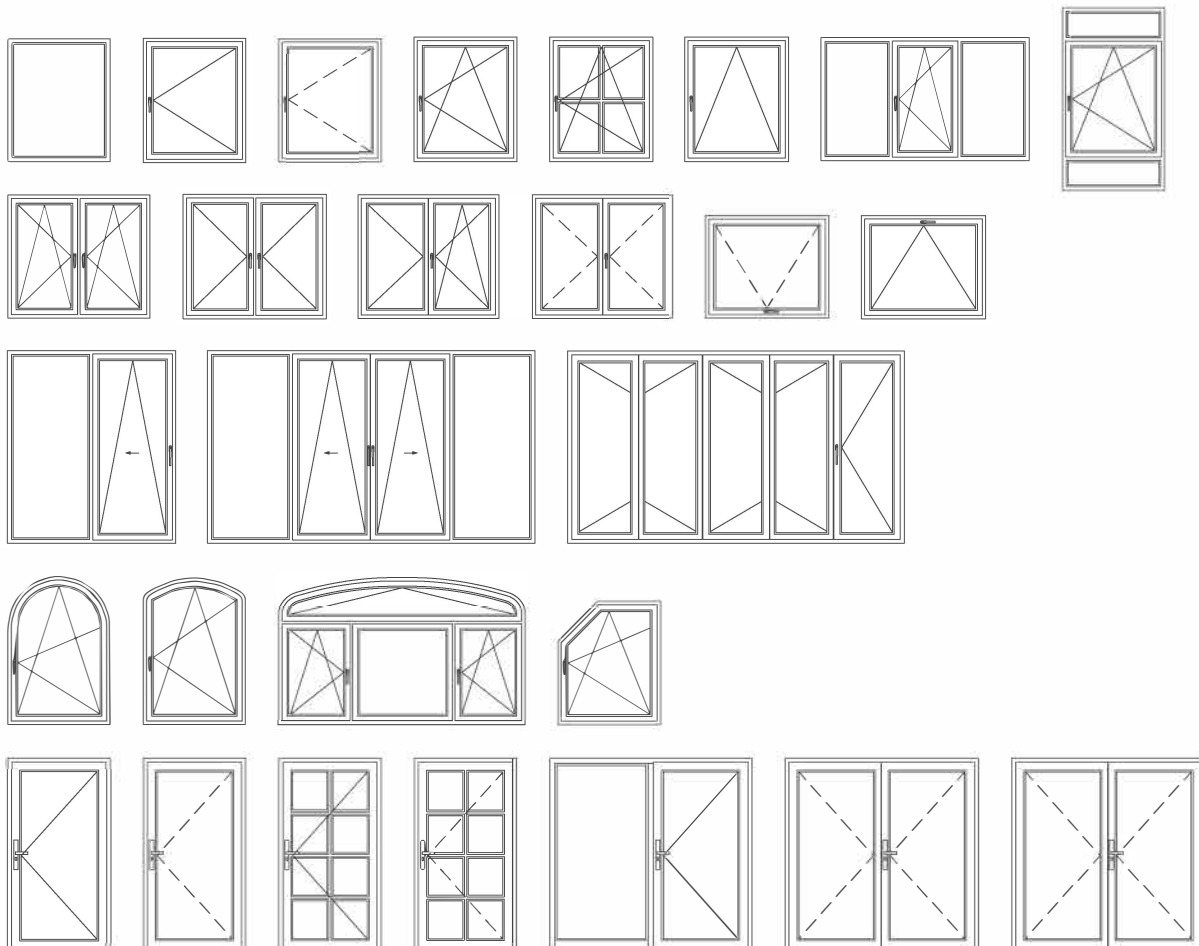
DELUXE WINDOW SYSTEM

SYSTEM DESCRIPTION

Description, Technical Data

Window / Door Types	Fixed windows, Tilt-Turn Windows (Dual Action), Hopper and Awning Windows, Hinged Doors, Tilt-Slide and Bi-Fold Doors
Material	Cadmium and lead-free RAU-PVC
Sealing System	Twin-compression seals
System Depth	3.25 in (82.5 mm) frame depth for residential applications, 2.362 in (60 mm) frame depth commercial applications
Frame / Sash Overlap	0.315 in (8 mm)
Hardware Allowance	0.472 in (12 mm)
Max. Glass Thickness	1.378 in (35 mm)
Sightlines Frame / Sash	4.724 in - 6.535 in (120 mm - 166 mm)
Colors	White, Beige and Clay; Woodgrain and solid colored film can be laminated on the inside and outside surfaces
U-values	Down to 0.16 (Btu/hr-ft 2°F);
Structural Tests	Tilt-turn windows up to design pressures of 100 psf; Tilt-turn windows up to STC 43;
Sound Reduction	

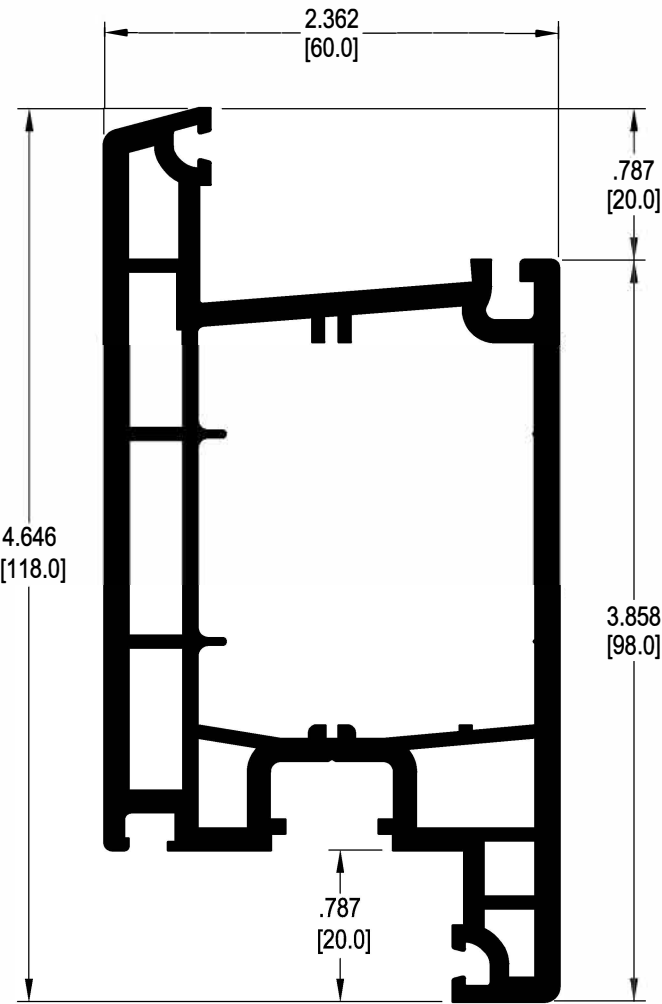
Examples of opening types



DELUXE WINDOW SYSTEM

PROFILE PRINT

Sash Profiles



Door Sash Z98

WHT

BG

CLAY







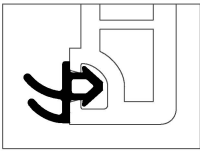




PACK

PACK

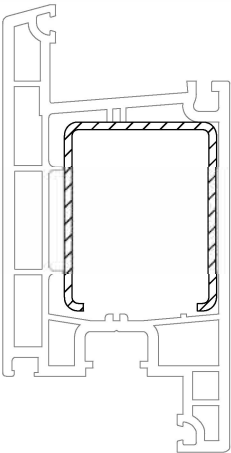
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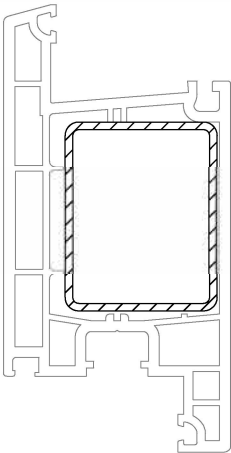
BLK

864952



40 mm x 50 mm

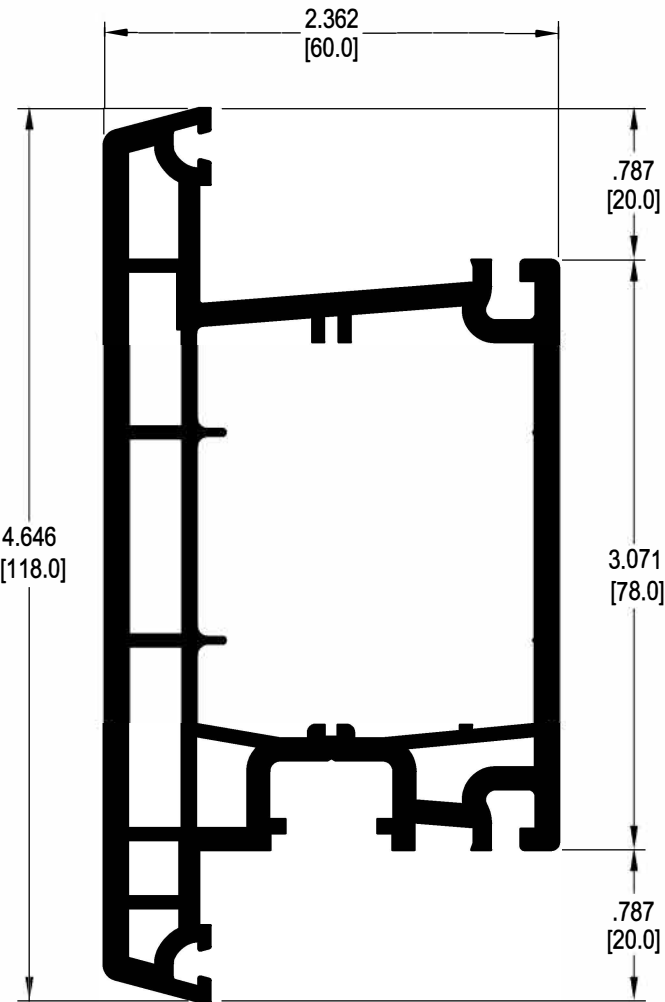
	
	0.079 in (2.0 mm)
	I_x 0.1853 in ⁴ (7.71 cm ⁴)
	I_y 0.1920 in ⁴ (7.99 cm ⁴)
	PACK



40 mm x 50 mm

	
	0.079 in (2.0 mm)
	I_x 0.2031 in ⁴ (8.45 cm ⁴)
	I_y 0.2872 in ⁴ (11.95 cm ⁴)
	PACK

Sash Profiles

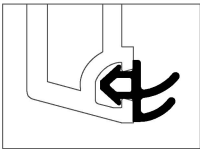


Door Sash T118



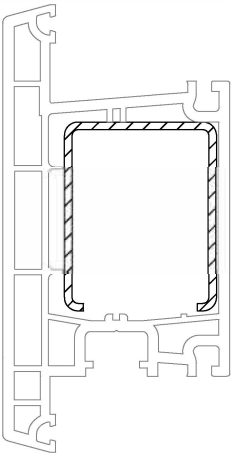
WHT	BG	CLAY
---	---	---
PACK	PACK	PACK





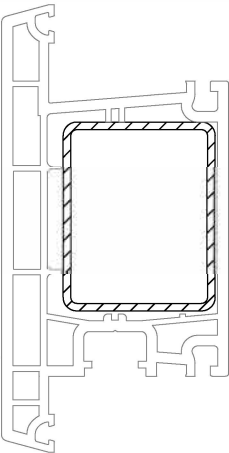


BLK	864952
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40 mm x 50 mm

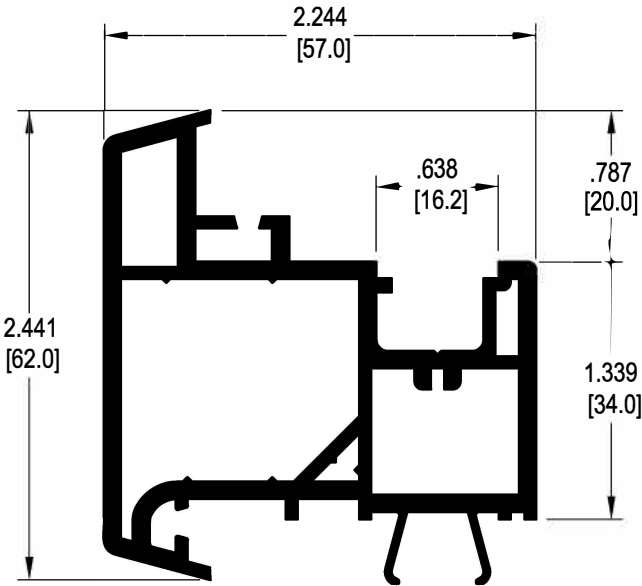
	
	0.079 in (2.0 mm)
I_x	0.1853 in ⁴ (7.71 cm ⁴)
I_y	0.1920 in ⁴ (7.99 cm ⁴)
	PACK



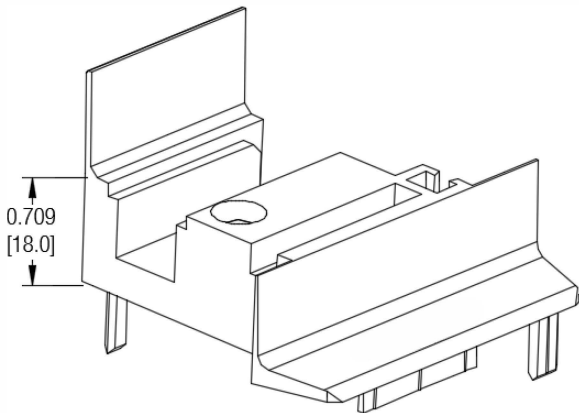
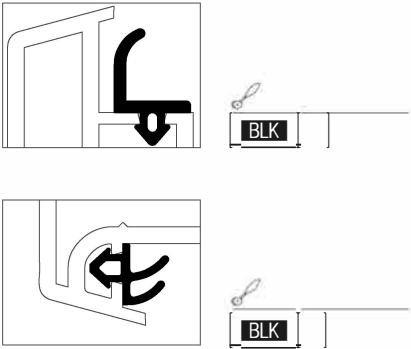
40 mm x 50 mm

	
	0.079 in (2.0 mm)
I_x	0.2031 in ⁴ (8.45 cm ⁴)
I_y	0.2872 in ⁴ (11.95 cm ⁴)
	PACK

Astragal



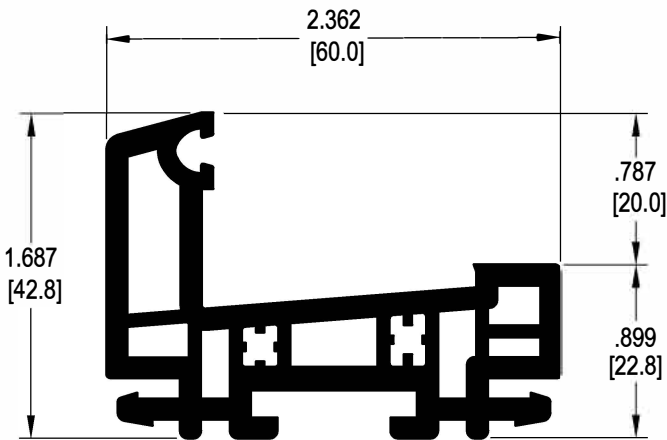
Astragal 62



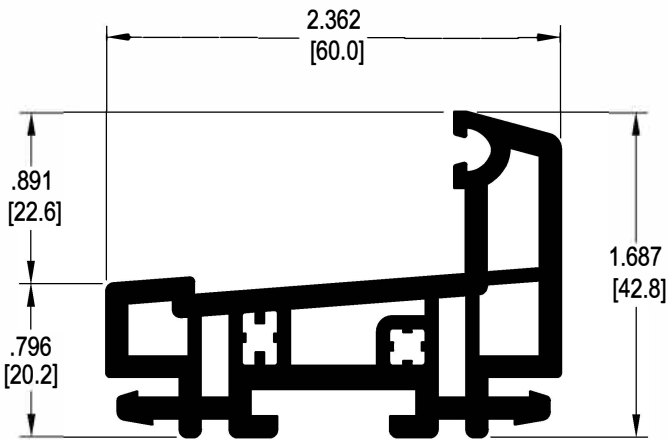
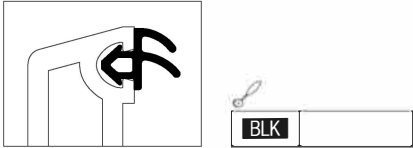
Astragal End Cap

PROFILE PRINT

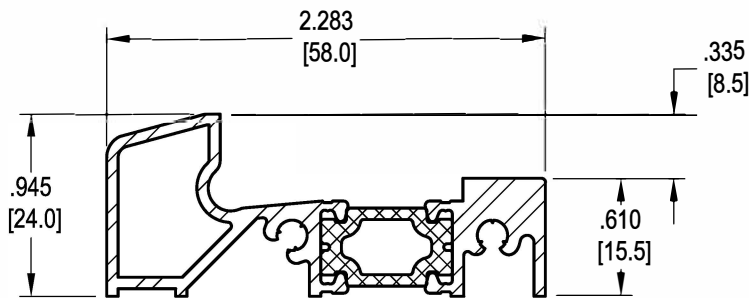
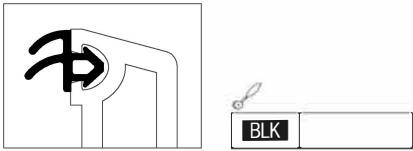
Door Sills / Thresholds



In-Swing Door Sub-Sill



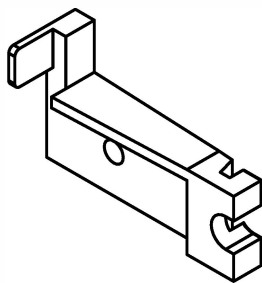
Out-Swing Door Sub-Sill



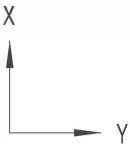
Aluminum Threshold



End Cap for Aluminum Threshold

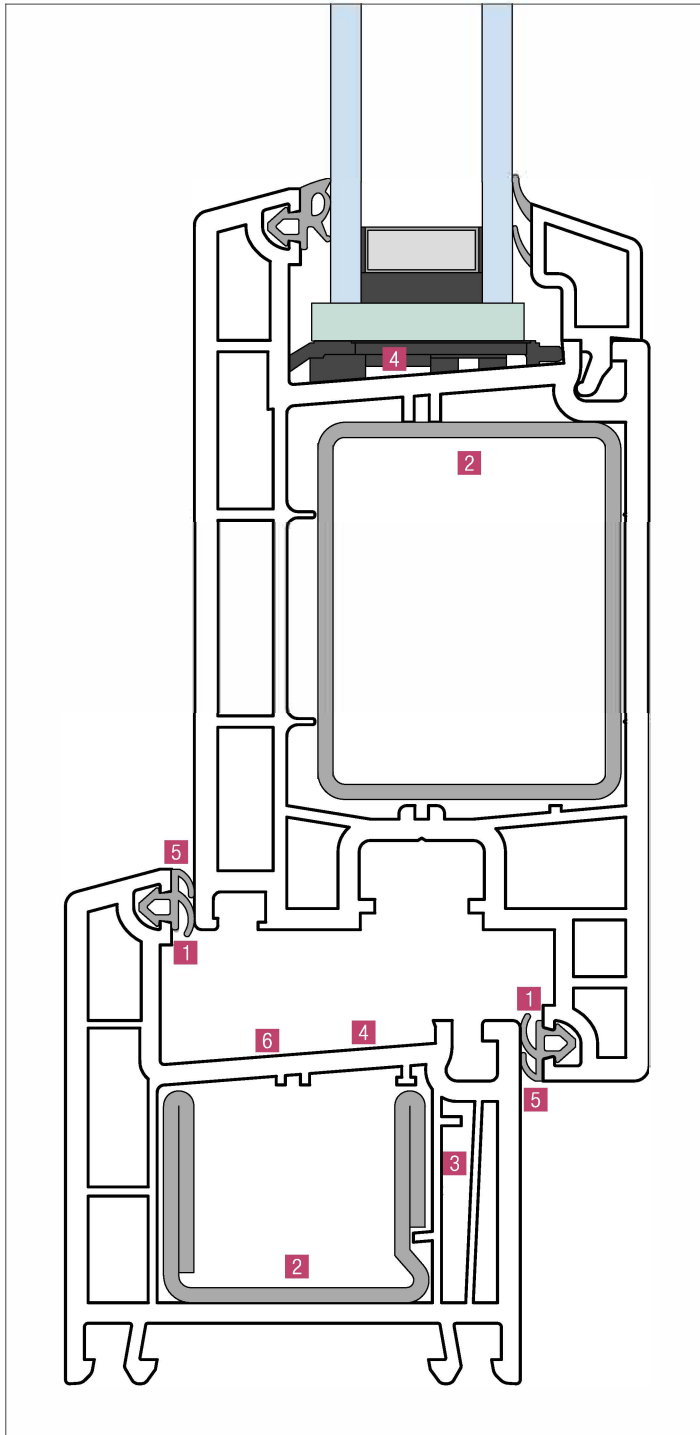


Steel Reinforcement Profiles



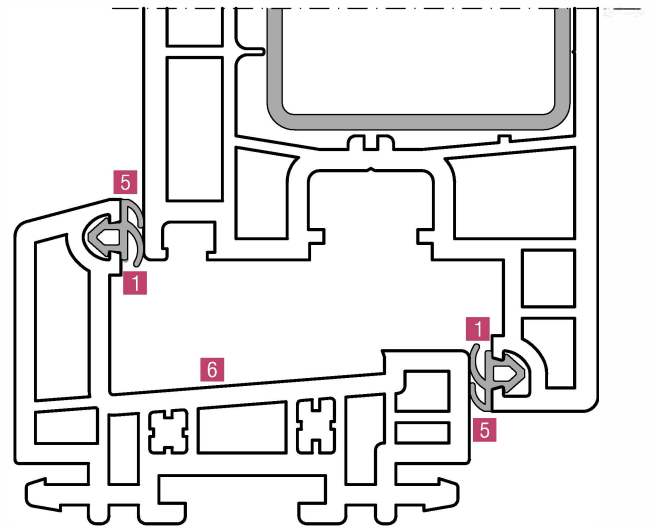
Reinforcement Diagram	Thickness Art No.	Weight (kg/m)	Wind Load I_x cm ⁴ (in ⁴)	Glass Load I_y cm ⁴ (in ⁴)
	2.0 mm	2.16	7.9 (0.1898)	7.7 (0.1850)
	2.0 mm	2.63	8.45 (0.2031)	11.95 (0.2872)
	2.0 mm	2.63	10.19 (0.2449)	10.19 (0.2449)

SYSTEM DESCRIPTION

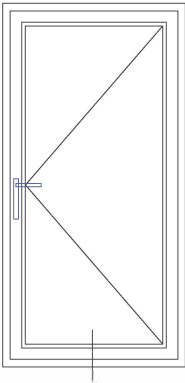
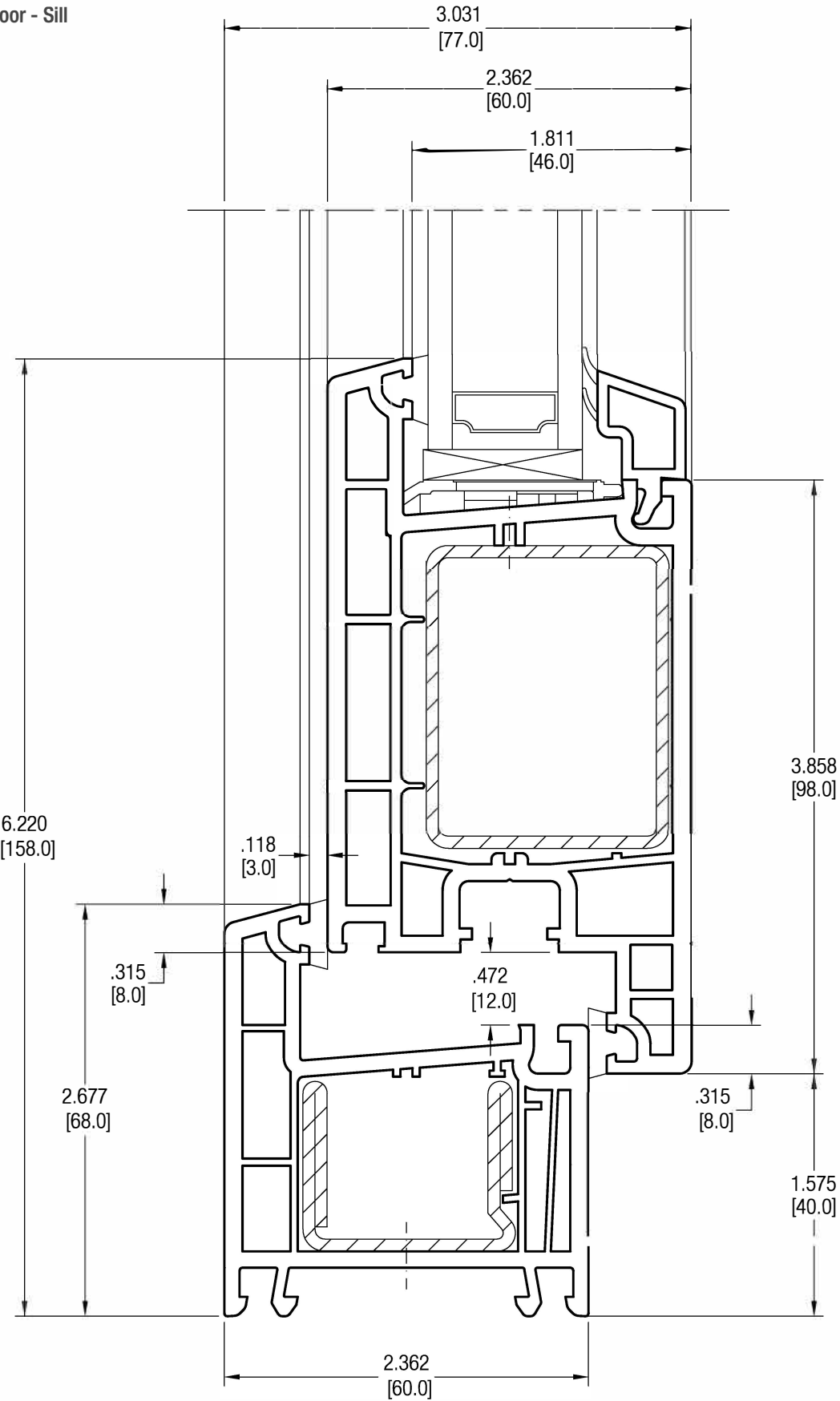


Features and Benefits for Doors

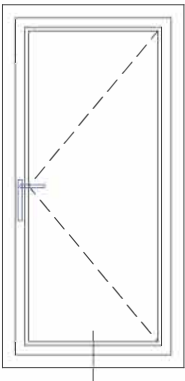
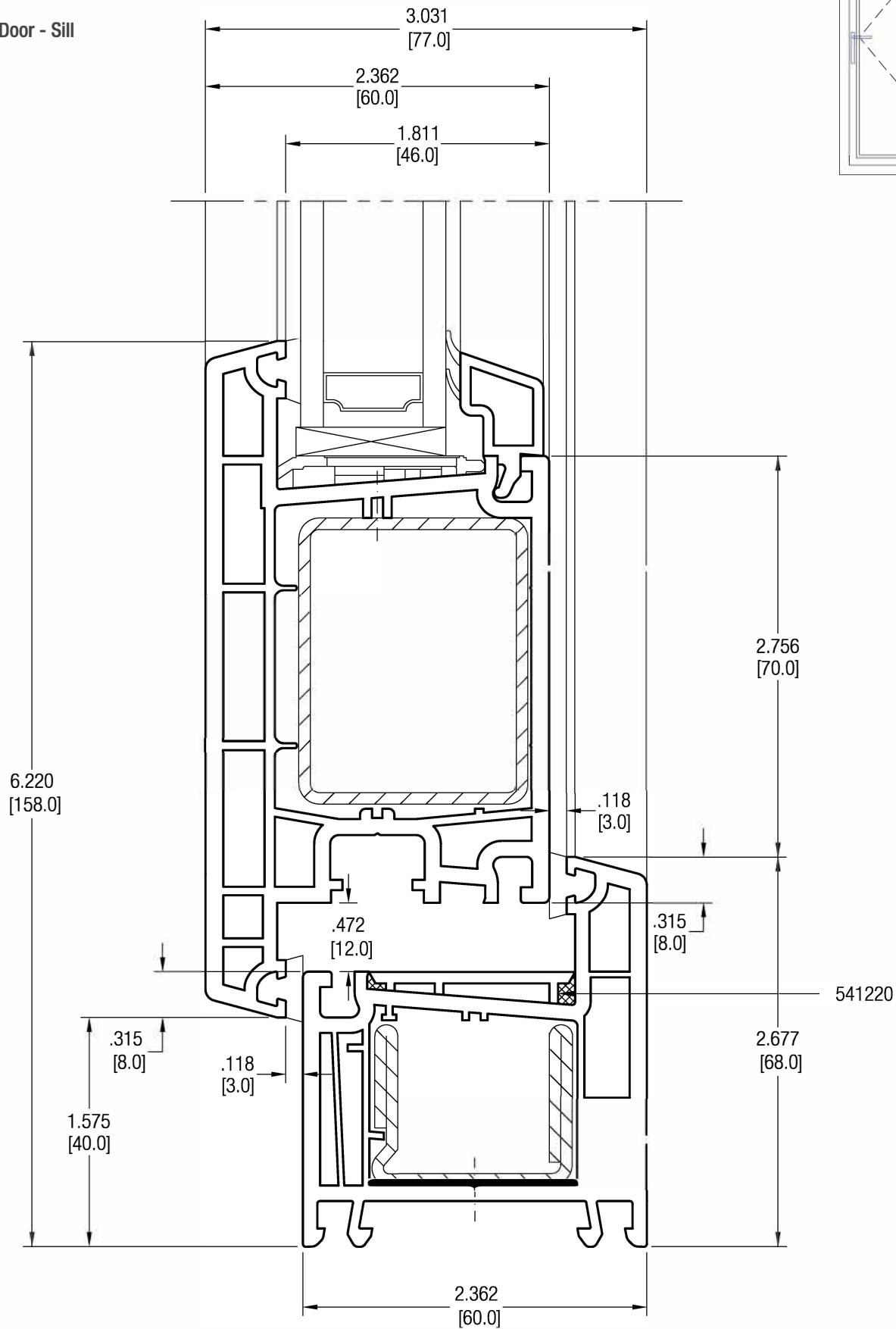
- 1 Common compression seal on frame and sash**
Streamlines inventory and production
- 2 Steel reinforcement in door sash**
Provides excellent stiffness; weldable corner joints for door sash connect the reinforcement in all four corners providing torsional stability
- 3 Hardware fastened through three walls of PVC or into the reinforcement**
Provides effective transfer of sash loads to the frame
- 4 Identical rebate shape for frame, sash and T-Mullion**
Requires only one cutter stack for all mechanical joints
- 5 Continuous twin-compression seal around perimeter of frame and threshold**
Provides protection against drafts, dust, water and heat loss
- 6 Sloped rebates**
Allow for easy cleaning and support water drainage to the outside



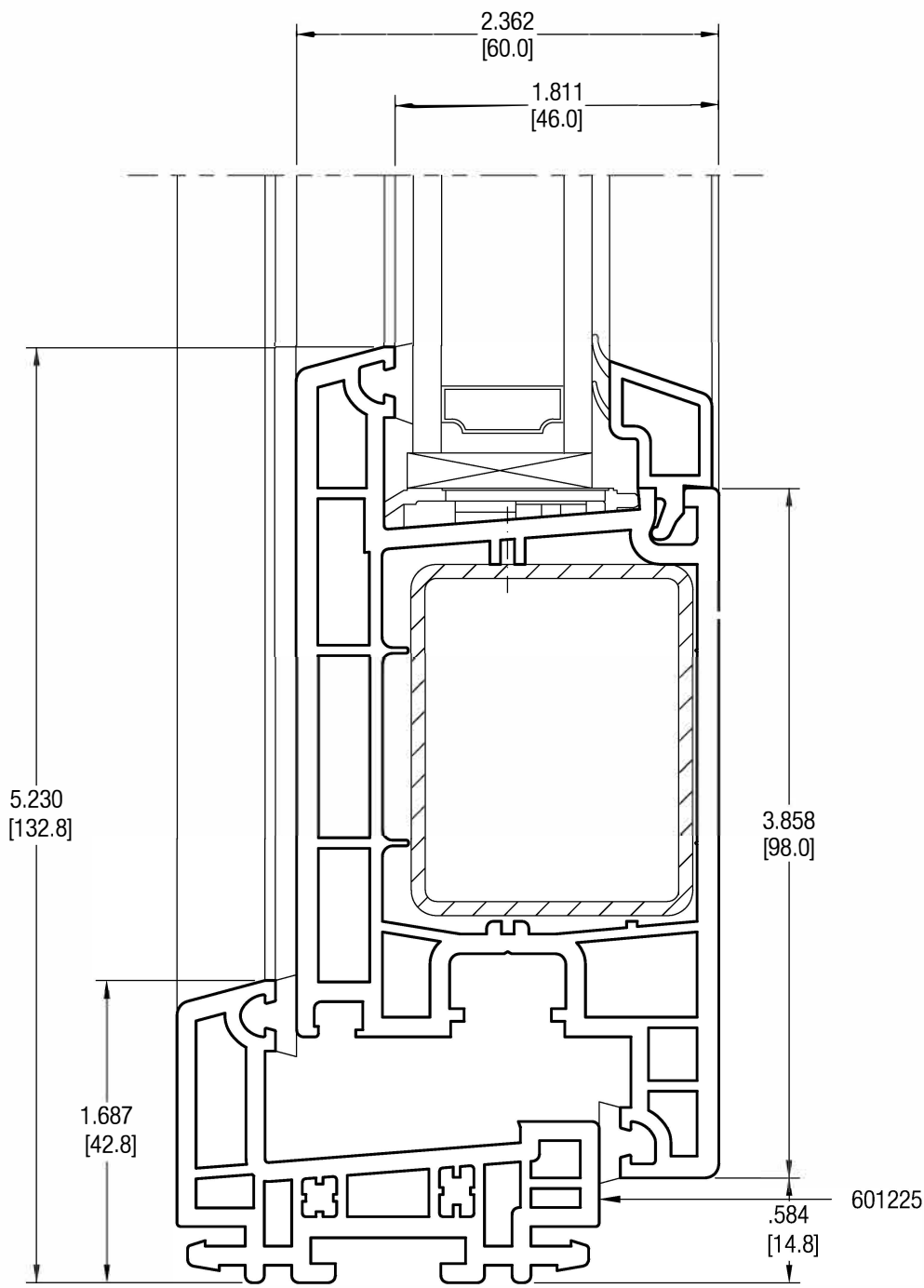
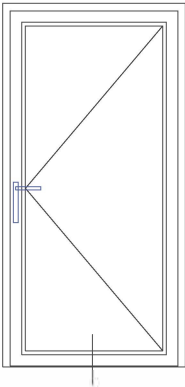
In-Swing Door - Sill



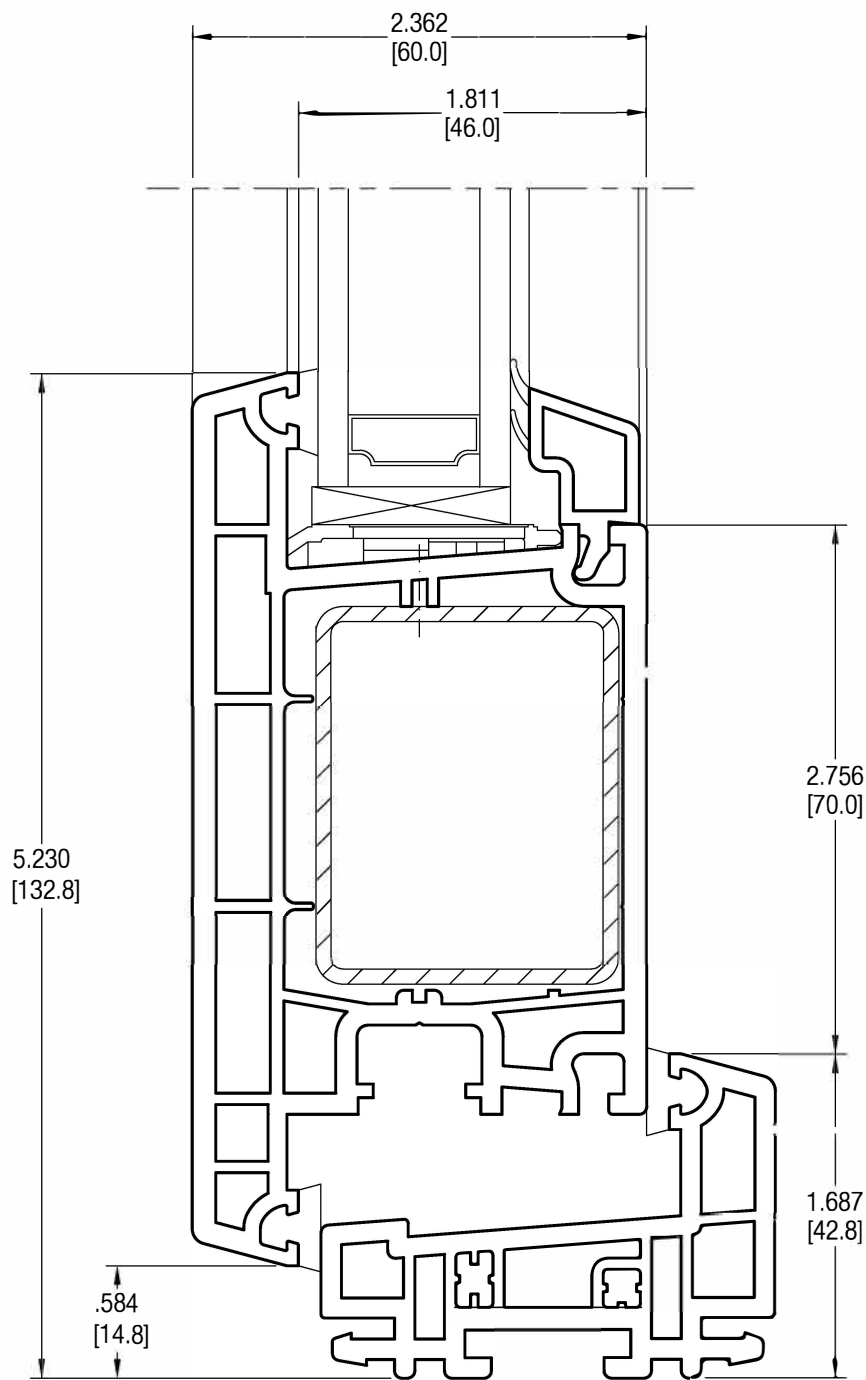
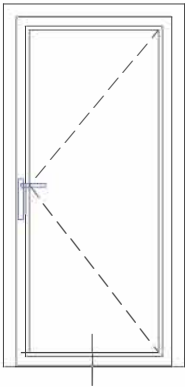
Out-Swing Door - Sill



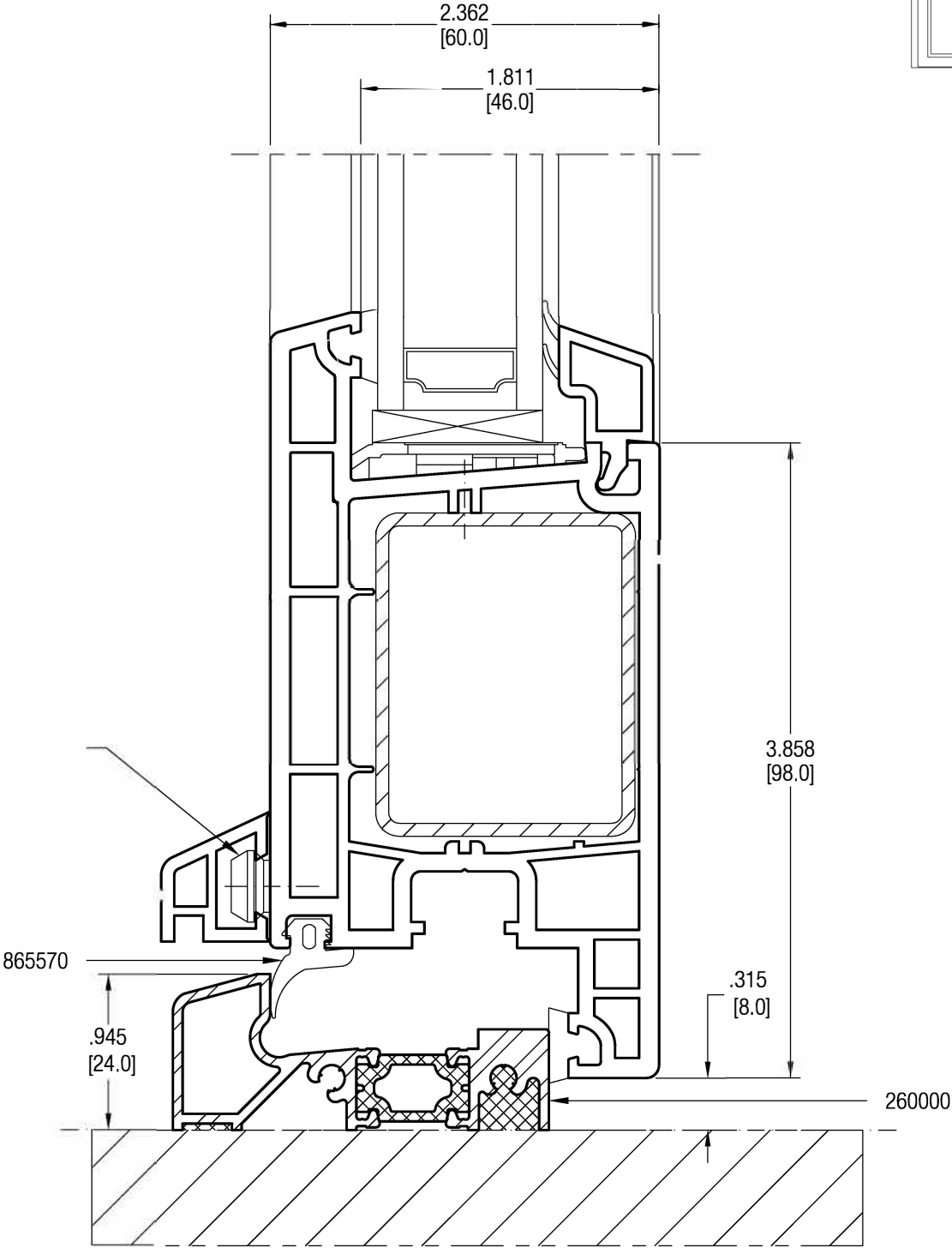
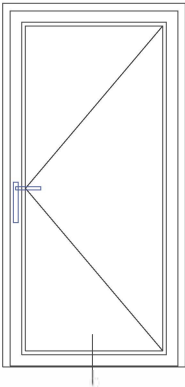
In-Swing Door - Sill



Out-Swing Door - Sill

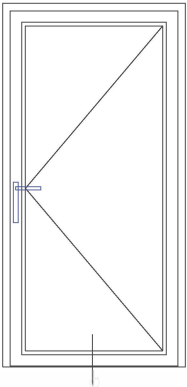
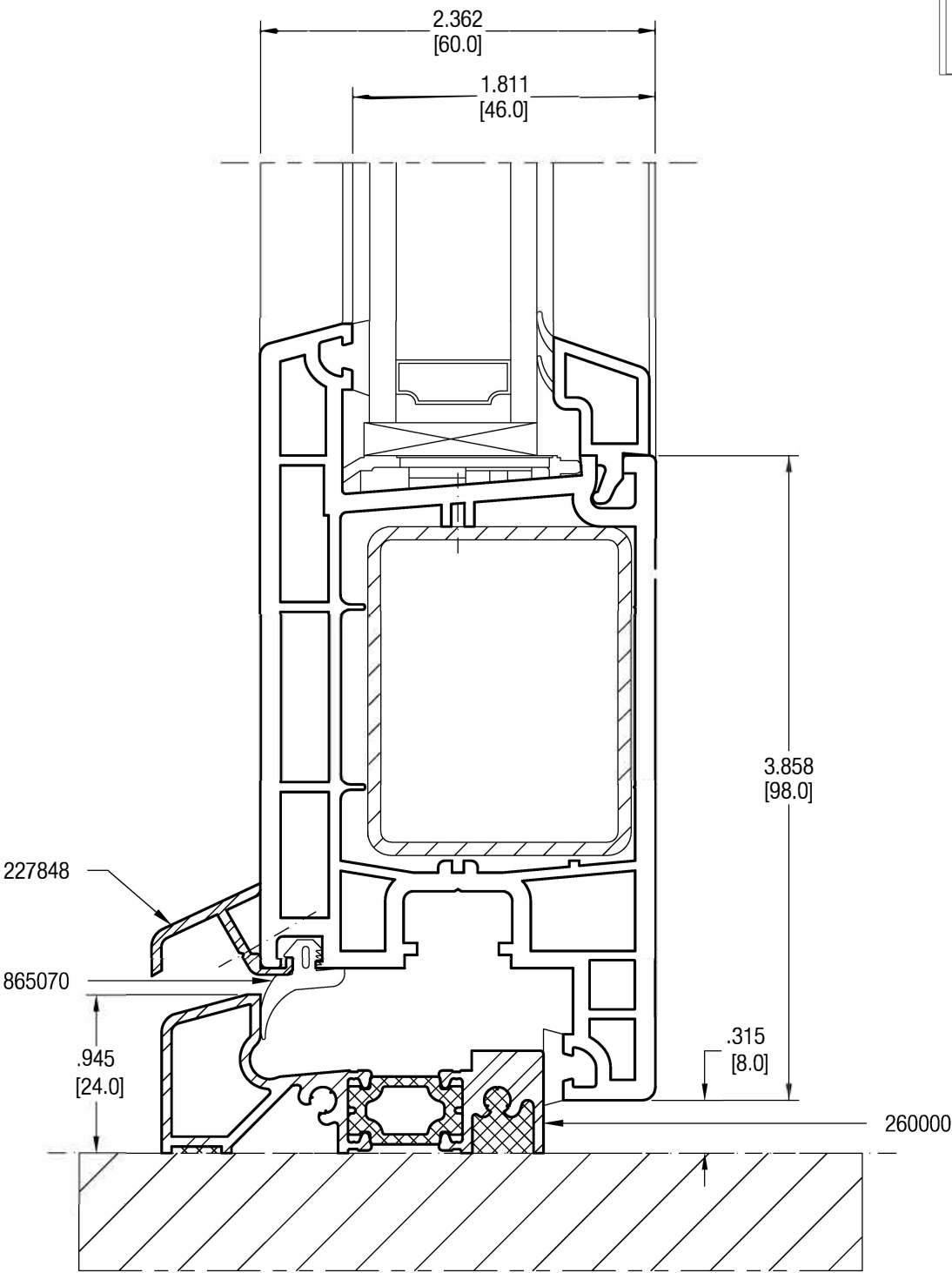


In-Swing Door - Threshold

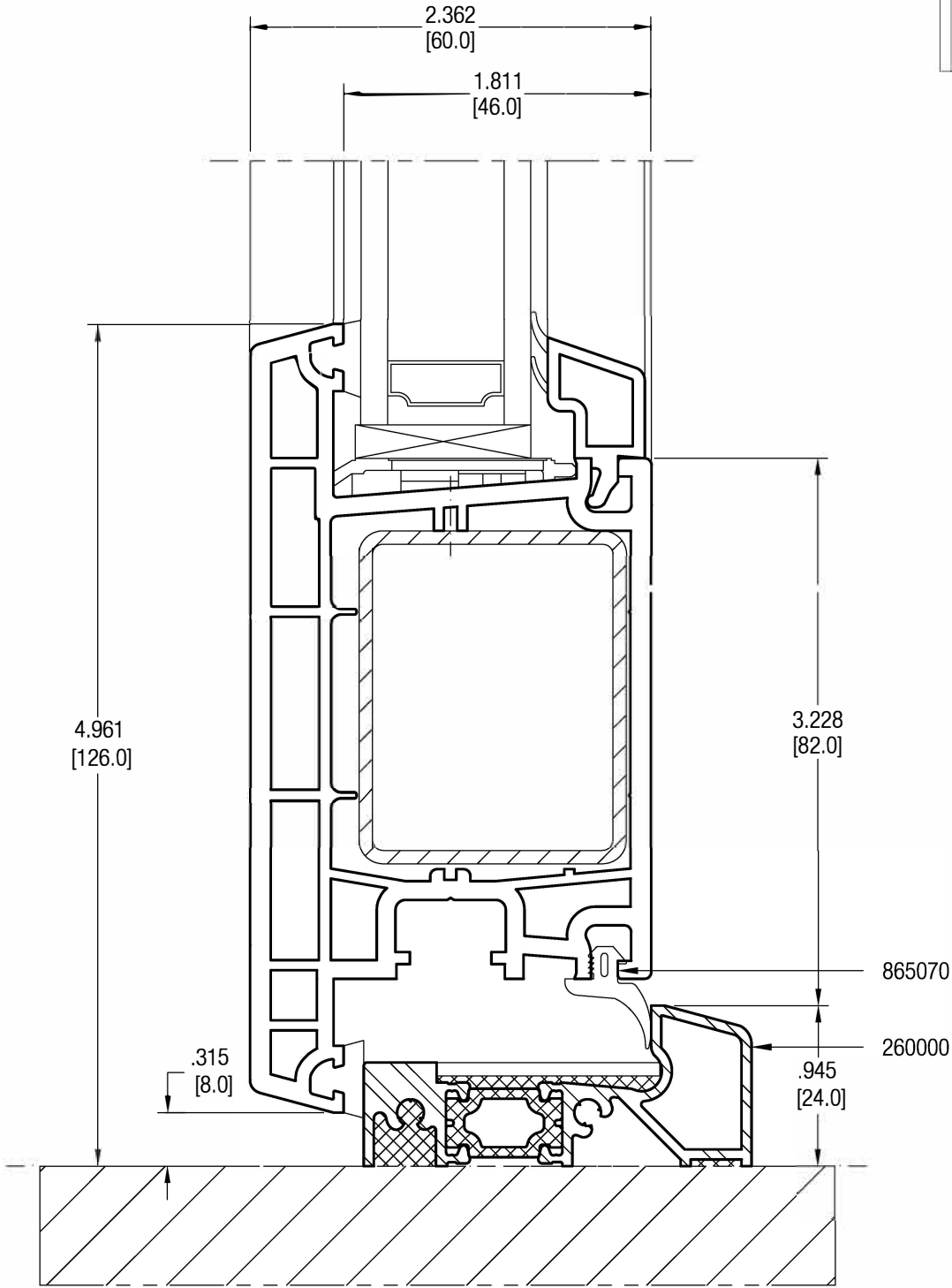
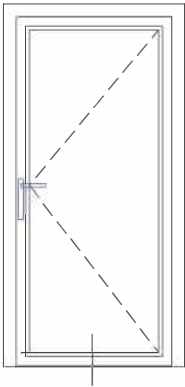


DETAIL DRAWINGS

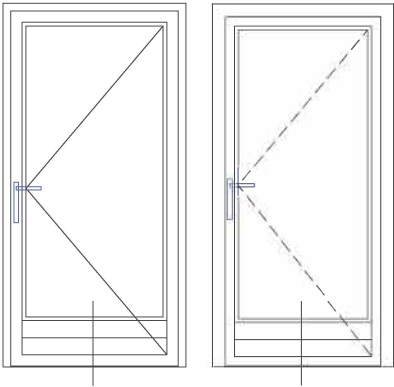
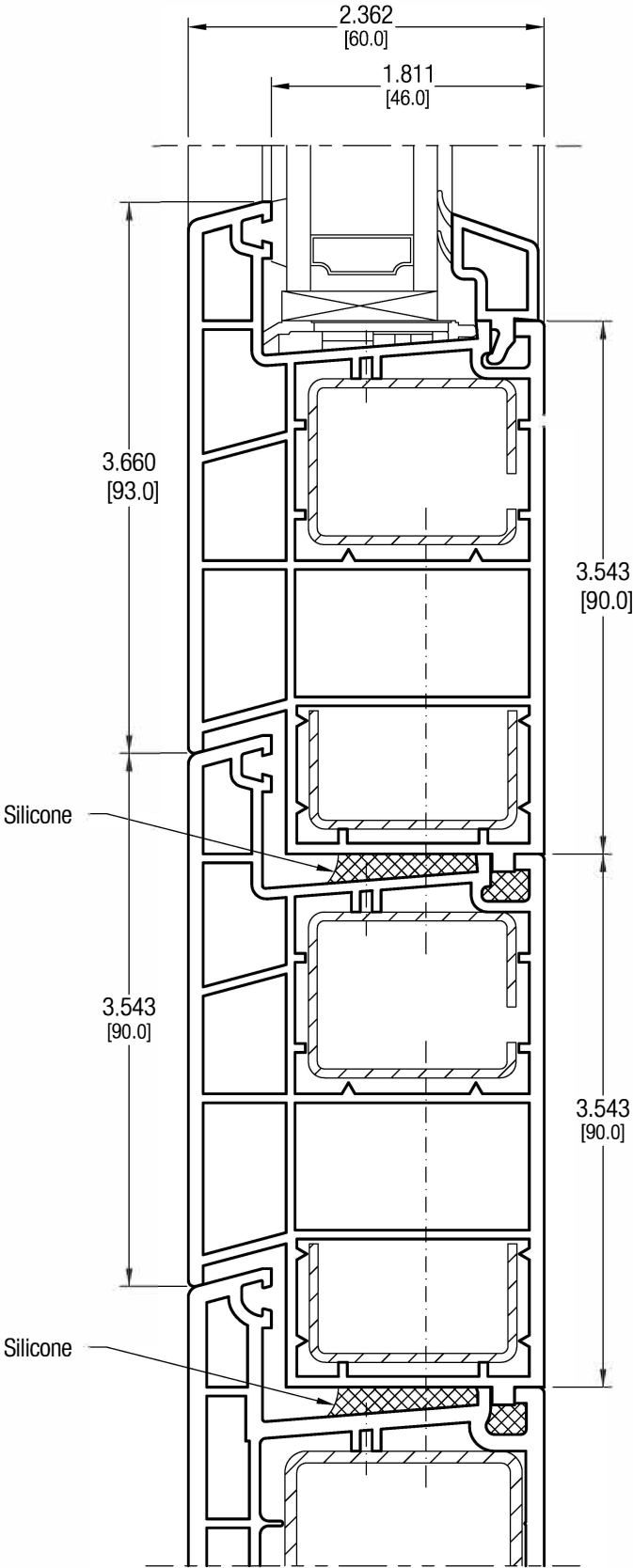
In-Swing Door - Threshold



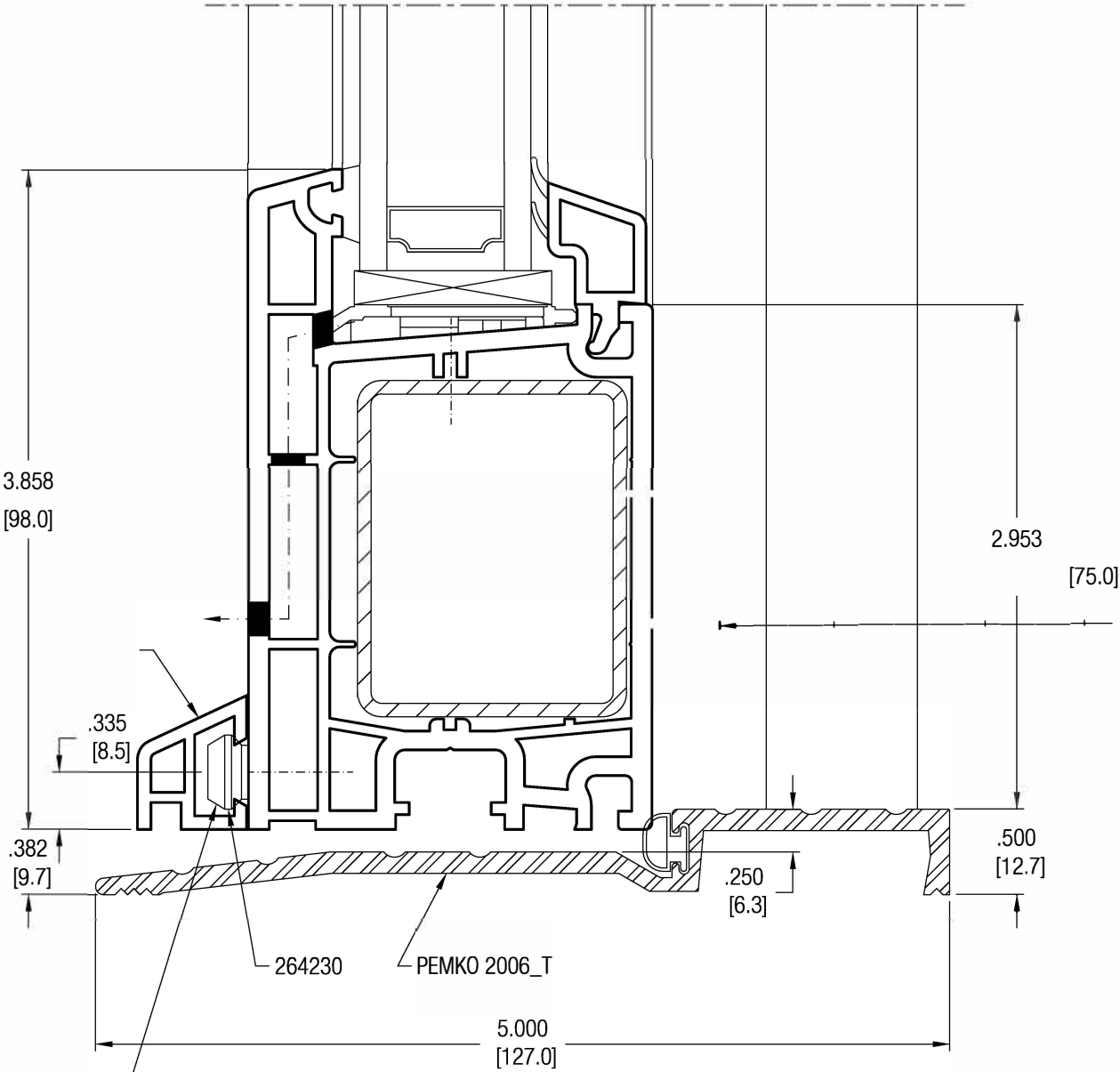
Out-Swing Door - Threshold



Door - Compensation Profile



Door Fabrication
Proposal for ADA Threshold - PEMKO



Fasten Screw-in Retainer to profile
with #6 x 3/4 in (19 mm) flat-head
screws, 2 in (50 mm) from each
end and every 8 in (200 mm)
maximum spacing.