



System 5600 Thermal Curtain Wall with Fiberglass Pressure Plate



CONFIGURATIONS

Outside Glazed with Fiberglass Pressure Plate

The thermal qualities of the EFCO 5600 curtain wall are enhanced with a fiberglass composite material. Utilizing this advanced technology, EFCO has designed a pressure plate that is far superior to the aluminum pressure plate for thermal conductance, while providing an overall 20% gain in the curtain wall U-factor and 5% improvement in CRF. The use of fiberglass also eliminates the need for a gasket type thermal isolator between the mullion and pressure plate.

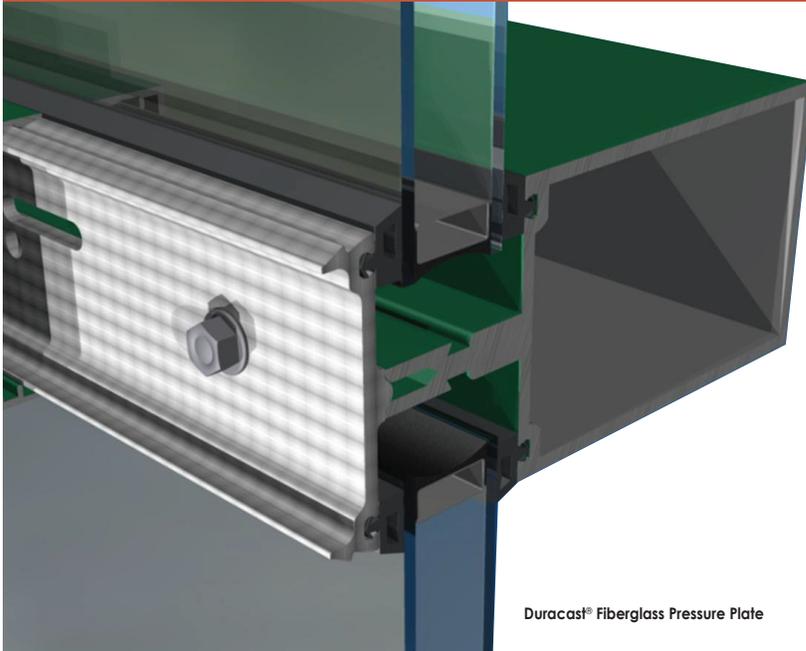
Features

- Available for 2¼" and 2½" width 5600 systems
- Patented fiberglass composite pressure plate
- Thermal isolator not required
- Alternative to aluminum pressure plate
- Various mullion depths
- Wide variety of snap-on face covers
- Roll-On horizontals
- Anodized and painted finishes available

Benefits

- Provides design flexibility
- Improves U-Factor and CRF values
- Fewer installation steps
- Comparable structural values
- Increased design flexibility
- Customize projects with face covers of various depths and profiles
- Allows for concealed fasteners and installation options
- Multiple options to answer economic and aesthetic concerns

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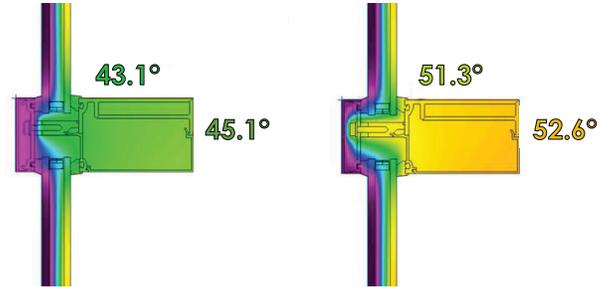


Duracast® Fiberglass Pressure Plate

Thermal Comparisons

Interior Frame Temp. Comparisons

Calculated according to NFRC 100
Interior Temp = 70° F
Exterior Temp = 0° F



Aluminum Pressure Plate

Duracast® Fiberglass Pressure Plate

PERFORMANCE DATA

SERIES 5600 OUTSIDE GLAZED WITH FIBERGLASS PRESSURE PLATE
 AIR INFILTRATION<.06 CFM/SF @ 6.24 PSF
 WATER NO LEAKAGE >15.0 PSF
 STRUCTURAL visit MyEFCO at www.efcocorp.com
 CRF-FRAME (1503-09)74

Note: All performance data is subject to change based on testing recertification and/or revised AAMA testing protocol. Please contact EFCO for latest performance values.

AVAILABLE SYSTEM S-5600 DEPTHS	SYSTEM DEPTH											
	3-7/8"	4-1/2"	5"	6"	6-1/2"	7"	7-1/4"	7-1/2"	8"	9"	10"	10-1/4"
OUTSIDE GLAZED 2-1/4"			A	S		A			A	A	A	
OUTSIDE GLAZED 2-1/2"	A	A		A	A		A	A	A	A		A

A - Available System Depth
 Blank - N/A

5600 DURACAST THERMAL U-FACTORS*	
CENTER OF GLASS U-FACTOR	CONFIGURATION & SIZE
	FX/FX** 78 3/4" X 78 3/4"
.46	.51
.34	.41
.30	.37
.24	.32

*Based on NFRC 100
 ** NFRC Gateway Size

Main Frame Construction

System 5600 wall has various system depths. Members are extruded from 6063-T6 aluminum alloy, and the nominal material wall thickness is .093" to .125". Joint construction utilizes the shear block method.

Sunshade Information

System 5600 curtain wall has optional sunshades available in five standard depths. Sunshade blades available in various sizes. Members are extruded from 6063-T6 aluminum alloy. Sunshade clips and arms are fabricated on a CNC machine. Joint construction utilizes screw spline construction. *Note: Structural design loads will determine the sunshade depth and clip spacing limitations.

Glazing

System 5600 can be glazed from the interior or the exterior. It is "dry glazed" with preset and drive-in EPDM gasket. Dual glazing is available with internal blinds.

