

Windstorm Door Installation Instructions

For Use With FL 4553

WINDSTORM CLASSIFICATION MATRICES

Model	Configuration	Max Size	Min Ga.	Stiffness Class	Max Design Load (psf) ¹	Impact ²		Hardware Type	Latch Throw Min (in) ³	Latch Strength Min (lbf)
						Speed (f/s)	Energy (ft-lbs)			
Medallion Legion Ultra Regent Omega Fuego	Inswing/Outswing Single	3'0"x7'0"	18	I	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt	1/2 CYL 3/4 ML	630
Medallion Legion Ultra Regent Omega Fuego	Outswing Single	3'0"x7'0"	18	I	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt Mortise Exit Rim Exit Vertical Rod Exit	1/2 CYL 3/4 ML 3/4 ME 3/4 RE 1/2 VE	630
Medallion Legion Ultra Regent Omega	Outswing Single	3'0"x8'0"	18	I	±60	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 ML 1 DB 3/4 RE 1/2 VE	720
Medallion Legion Ultra Regent Omega Fuego	Inswing/Outswing Single	3'0"x7'0"	18	I	±70	50	350	Cylindrical Lock + Deadlock Mortise Lock w/ Deadbolt Interconnected Cylindrical + Deadlock	1/2 CYL 3/4 ML 1 DB	735
Trio Trio-E ⁵	Inswing/Outswing Single	4'0"x8'0"	18	I	±70	50	350	Cylindrical Lock Mortise Lock w/ Deadbolt	1/2 CYL 3/4 ML	1120
Trio Trio-E ⁵	Outswing Single	4'0"x8'0"	18	I	±70	50	350	Rim Exit Vertical Rod Exit	3/4 RE 1/2 VE	1120
Medallion Legion Ultra Regent Omega Fuego	Outswing Single	4'0"x8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 ML 1 DB 3/4 RE 1/2 VE	1120
Trio Trio-E ⁵	Inswing/Outswing Single	3'0"x7'0"	18	I	±100	50	350	Cylindrical Lock Mortise Lock w/ Deadbolt	1/2 CYL 3/4 ML 1 DB	1050
Trio Trio-E ⁵	Outswing Single	3'0"x7'0"	18	I	±100	50	350	Rim Exit	3/4 RE	1050
Medallion Regent Imperial Legion	Inswing/Outswing Single	4'0"x8'0"	14	I	±150	50	350	Multi-Point Lock w/ Deadbolt	3/4 MPL 1 DB	800
Medallion Legion	Outswing Single	4'0"x8'0"	14	I	±150	50	350	Vertical Rod Exit	3/4 VE	1200
Medallion Regent Imperial Legion	Inswing/Outswing Single	4'0"x8'0"	14	I	±150	80	895	Multi-Point Lock w/ Deadbolt	3/4 MPL 1 DB	800
Medallion Legion	Outswing Single	4'0"x8'0"	14	I	±150	80	895	Vertical Rod Exit	3/4 VE	1200

¹ Glass lights and/or louvers may limit design loads. See details to follow for additional information.

² 50 f/s – 350 ft-lbs impact meets ASTM E1996 Missile Level D, 80 f/s – 895 ft-lbs impact meets ASTM E1996 Missile Level E. Glass lights and louvers are limited to Missile Level D only.

³ CYL – Cylindrical Lock, ML – Mortise Lock, VL – Vertical Rod Lock, DB – Deadbolt/Deadlock, ME – Mortise Exit, RE – Rim Exit, VE – Vertical Rod Exit, SB – Surface Bolts, FB – Flush Bolts, ICL – Interconnected Lock, MPL – Multi-Point Lock

⁴ Hollow Metal or Hardware Mullion required.

⁵ Louvers are excluded from use with Trio and Trio-E doors.

⁶ 1 1/2" diameter cutout for viewer optional for all Door Series.

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						Speed (f/s)	Energy (ft-lbs)			
Medallion Legion Ultra Regent Omega	Outswing Pair	6'0"x7'0"	18	I	±60	50	350	Rim Exit x Rim Exit ⁴	3/4 RE	630
Trio Trio-E	Inswing/Outswing Pair	6'0"x7'0"	18	I	±70	50	350	Cylindrical Lock + Deadlock x Flush Bolts or Surface Bolts Mortise Lock w/ DeadBolt x Flush Bolts or Surface Bolts	1/2 CYL 3/4 ML 1 DB 1 FB/SB	490
Trio Trio-E	Outswing Pair	8'0"x8'0"	18	I	±70	50	350	Rim Exit x Rim Exit ⁴ Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 RE 3/4 VE 1-1/4 SB	1120
Trio Trio-E	Inswing/Outswing Pair	8'0"x8'0"	18	I	±70	50	350	Cylindrical Lock + Deadlock x Flush Bolts or Surface Bolts Mortise Lock w/ Deadbolt x Flush Bolts or Surface Bolts	1/2 CYL 3/4 ML 1 DB 1 FB/SB	747
Trio Trio-E	Outswing Pair	8'0"x8'0"	18	I	±70	50	350	Vertical Rod Lock x Vertical Rod Lock	1/2 VL	560
Medallion Legion Ultra Regent Omega	Outswing Pair	8'0"x8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts Rim Exit x Rim Exit ⁴ Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 ML 1 DB 3/4 RE 1/2 VE 1-1/4 SB	747
Medallion Legion Ultra Regent Omega	Outswing Pair	8'0"x8'0"	16	I	±70	50	350	Vertical Rod Lock x Vertical Rod Lock	1/2 VL	560
Fuego	Outswing Pair	8'0"x8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts	3/4 ML 1 DB 1-1/4 SB	747
Medallion Regent Imperial Legion	Inswing/Outswing Pair	8'0"x8'0"	14	I	±150 ⁵	50	350	Multi-Point Lock w/ Deadbolt x Surface Bolts	3/4 MPL 1 DB 1-1/4 SB	960
Medallion Legion	Outswing Pair	8'0"x8'0"	14	I	±150	50	350	Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 VE 1-1/4 SB	1200
Medallion Regent Imperial Legion	Inswing/Outswing Pair	8'0"x8'0"	14	I	±150 ⁵	80	895	Multi-Point Lock w/ Deadbolt x Surface Bolts	3/4 MPL 1 DB 1-1/4 SB	960
Medallion Legion	Outswing Pair	8'0"x8'0"	14	I	±150	80	895	Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 VE 1-1/4 SB	1200

¹ Glass lights and/or louvers may limit design loads. See details to follow for additional information.

² 50 f/s – 350 ft-lbs impact meets ASTM E1996 Missile Level D, 80 f/s – 895 ft-lbs impact meets ASTM E1996 Missile Level E. Glass lights and louvers are limited to Missile Level D only.

³ CYL – Cylindrical Lock, ML – Mortise Lock, VL – Vertical Rod Lock, DB – Deadbolt/Deadlock, ME – Mortise Exit, RE – Rim Exit, VE – Vertical Rod Exit, SB – Surface Bolts, FB – Flush Bolts, ICL – Interconnected Lock, MPL – Multi-Point Lock

⁴ Hollow Metal or Hardware Mullion required.

⁵ Louvers are excluded from use with Trio and Trio-E doors.

⁶ 1/2" diameter cutout for viewer optional for all Door Series.

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WINDSTORM CLASSIFICATION MATRICES (CONT.)

Model	Configuration	Max Size	Min Ga.	Stiffness Class	Max Design Load (psf) ¹	Impact ²		Hardware Type	Latch Throw Min (in) ³	Latch Strength Min (lbf)
						Speed (f/s)	Energy (ft-lbs)			
Imperial Versadoor	Inswing/Outswing Single	3'0"x7'0"	18	II	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt	1/2 CYL 3/4 ML	630
Imperial Versadoor	Outswing Single	3'0"x7'0"	18	II	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt Mortise Exit Rim Exit Vertical Rod Exit	1/2 CYL 3/4 ML 3/4 ME 3/4 RE 1/2 VE	630
Imperial Versadoor	Inswing/Outswing Single	3'0"x8'0"	18	II	±60	50	350	Mortise Lock w/ Deadbolt	3/4 ML 1 DB	720
Imperial Versadoor	Outswing Single	3'0"x8'0"	18	II	±60	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 ML 1 DB 3/4 RE 1/2 VE	720
Imperial Versadoor	Inswing/Outswing Single	3'0"x7'0"	18	II	±70	50	350	Cylindrical Lock + Deadlock Mortise Lock w/ Deadbolt Interconnected Cylindrical + Deadlock	1/2 CYL 3/4 ML 1 DB	735
Imperial Versadoor	Inswing/Outswing Single	4'0"x8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt	3/4 ML 1 DB	1120
Imperial Versadoor	Outswing Single	4'0"x8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 ML 1 DB 3/4 RE 1/2 VE	1120
Imperial Versadoor	Outswing Pair	6'0"x7'0"	18	II	±60	50	350	Rim Exit x Rim Exit ⁴	3/4 RE	315
Imperial Versadoor	Outswing Pair	8'0"x8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts	3/4 ML 1 DB 1-1/4 SB	747

¹ Glass lights and/or louvers may limit design loads. See details to follow for additional information.

² 50 f/s – 350 ft-lbs impact meets ASTM E1996 Missile Level D, 80 f/s – 895 ft-lbs impact meets ASTM E1996 Missile Level E. Glass lights and louvers are limited to Missile Level D only.

³ CYL – Cylindrical Lock, ML – Mortise Lock, VL – Vertical Rod Lock, DB – Deadbolt/Deadlock, ME – Mortise Exit, RE – Rim Exit, VE – Vertical Rod Exit, SB – Surface Bolts, FB – Flush Bolts, ICL – Interconnected Lock, MPL – Multi-Point Lock

⁴ Hollow Metal or Hardware Mullion required.

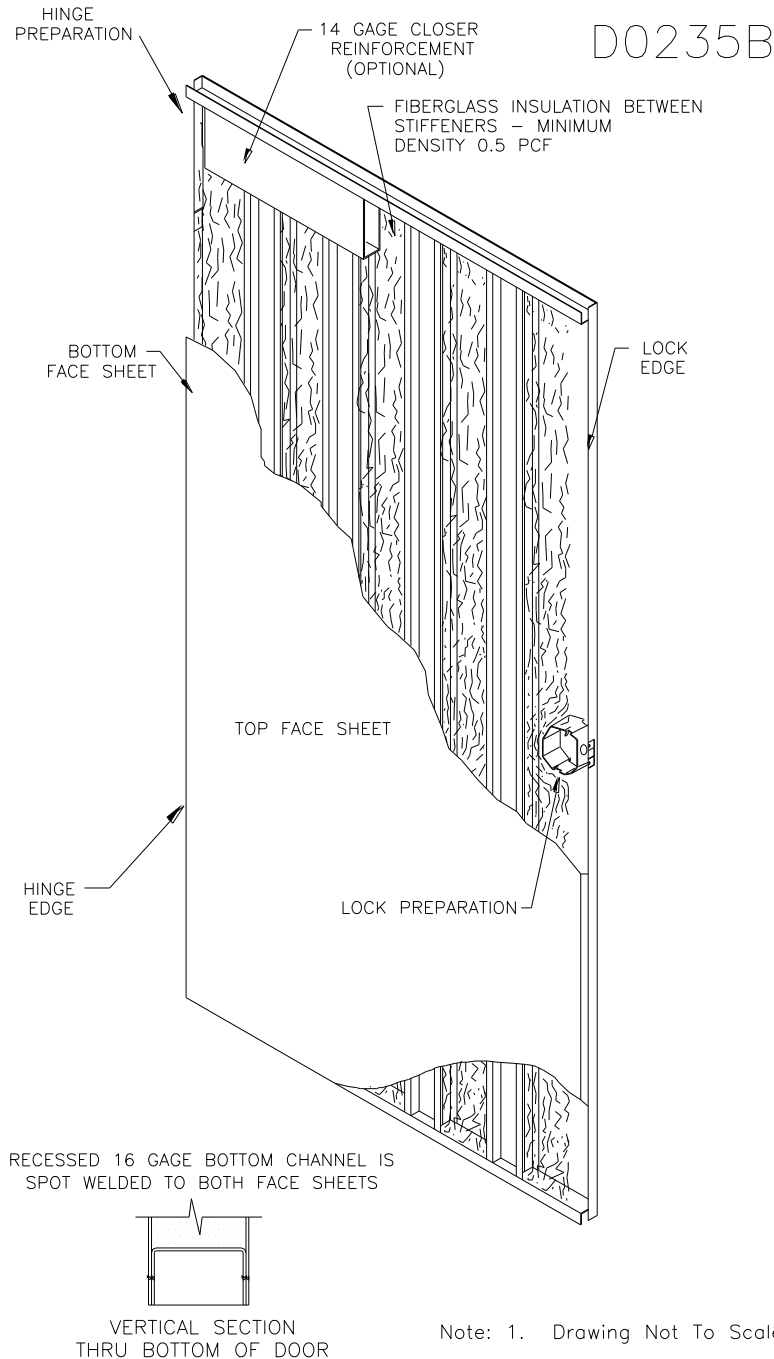
⁵ Louvers are excluded from use with Trio and Trio-E doors.

⁶ 1/2" diameter cutout for viewer optional for all Door Series.

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For Use With FL 4553

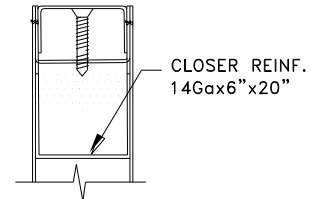
Vertically Stiffened Door CONSTRUCTION DETAILS



LOCK AND HINGE EDGES ARE BEVELED 1/8" IN 2" (1:16)
SQUARE EDGE OPTIONAL

RECESSED 16 GAGE TOP CHANNEL
IS WELDED TO BOTH FACE SHEETS

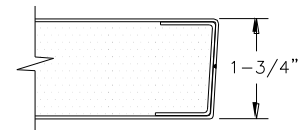
18 GAGE CAP CHANNEL IS SCREWED
TO INVERTED CHANNEL (OPTIONAL).



VERTICAL SECTION
THRU TOP OF DOOR

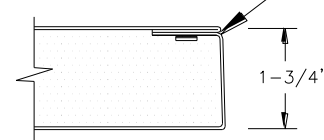
STANDARD: CENTER EDGE SEAM

VERTICAL EDGE SEAMS ARE VISIBLE WITH 18 GAUGE
BACKUP CHANNEL FULL HEIGHT OF DOOR
WITH OPTIONAL BONDO FILLED OR WELDED
SEAMLESS EDGE AVAILABLE



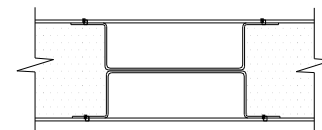
OPTIONAL: TAB & SLOT MECHANICAL INTERLOCK

WELD SEAMED EDGES GROUND
SMOOTH ARE OPTIONAL



HORIZONTAL SECTION
THRU LOCK EDGE

22 GAGE FORMED STEEL STIFFENERS
(20 GAGE AND GALV STEEL OPTIONAL)
POSITIONED NOT MORE THAN 6" APART
AND SPOT WELDED TO BOTH FACE
SHEETS AT 5" O.C. MAX



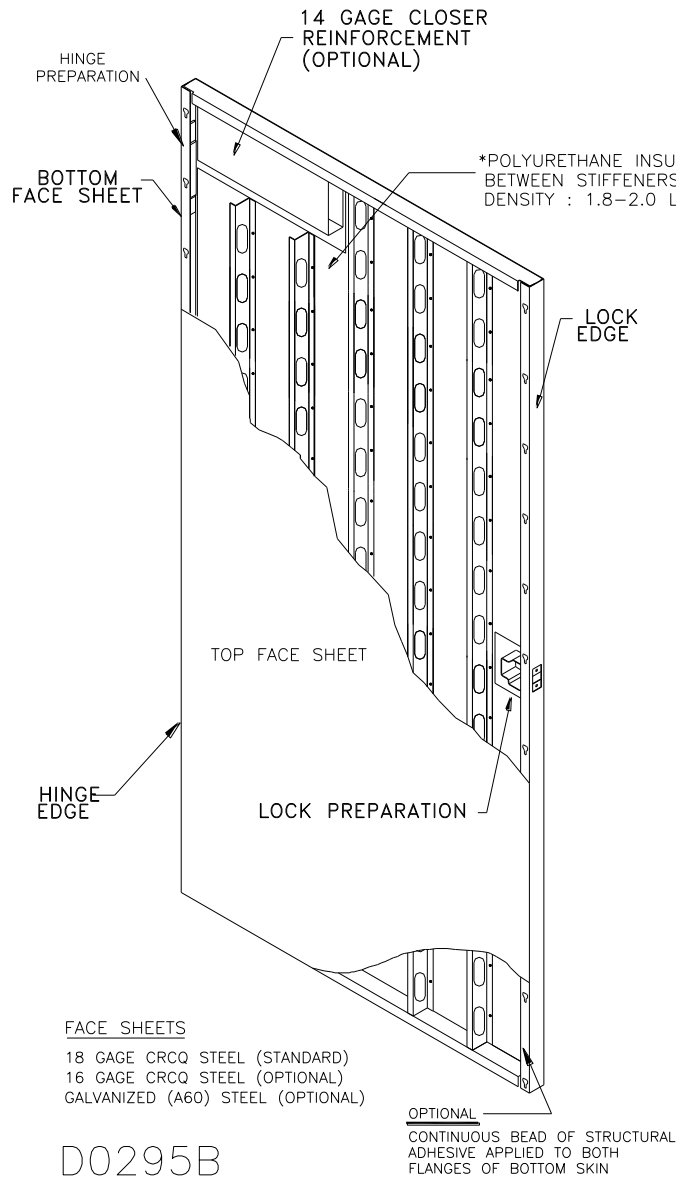
HORIZONTAL SECTION
THRU VERTICAL STIFFENER

Medallion Steel-Stiffened Core Door Details

Windstorm Door Installation Instructions

For Use With FL 4553

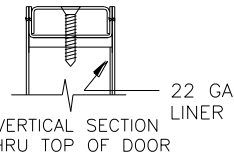
TRIO DOOR CONSTRUCTION DETAILS



LOCK EDGE IS BEVELED 1/8" IN 2"
HINGE EDGE IS PERPENDICULAR TO FACES
HINGE BACKSET IS 1/4" (VARIES PER CONDITION)

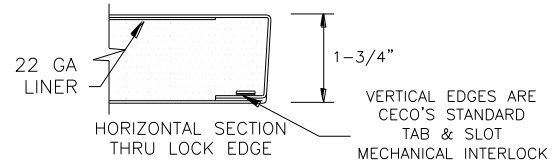
INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN

18 GAGE CAP CHANNEL IS SCREWED TO INVERTED CHANNEL (OPTIONAL).

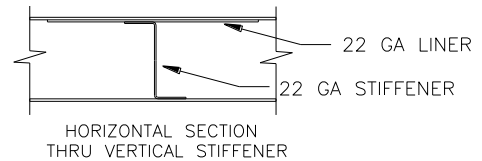


16 OR 18 GA. (WELDING OPTIONAL)

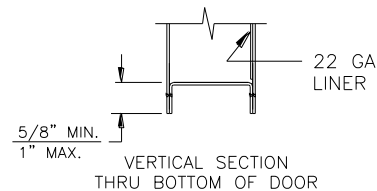
VERTICAL EDGES ARE WELDED THE FULL HEIGHT OF DOOR AND DRESSED SMOOTH TO OBTAIN COMPLETELY SEAMLESS HINGE AND LOCK EDGES.



STANDARD 22 GAGE (20 or 18 GAGE OPTIONAL) FORMED STEEL STIFFENERS, POSITIONED NOT MORE THAN 6" APART, AND WELDED TO 22 GAGE LINER (5" O.C. MAX.).



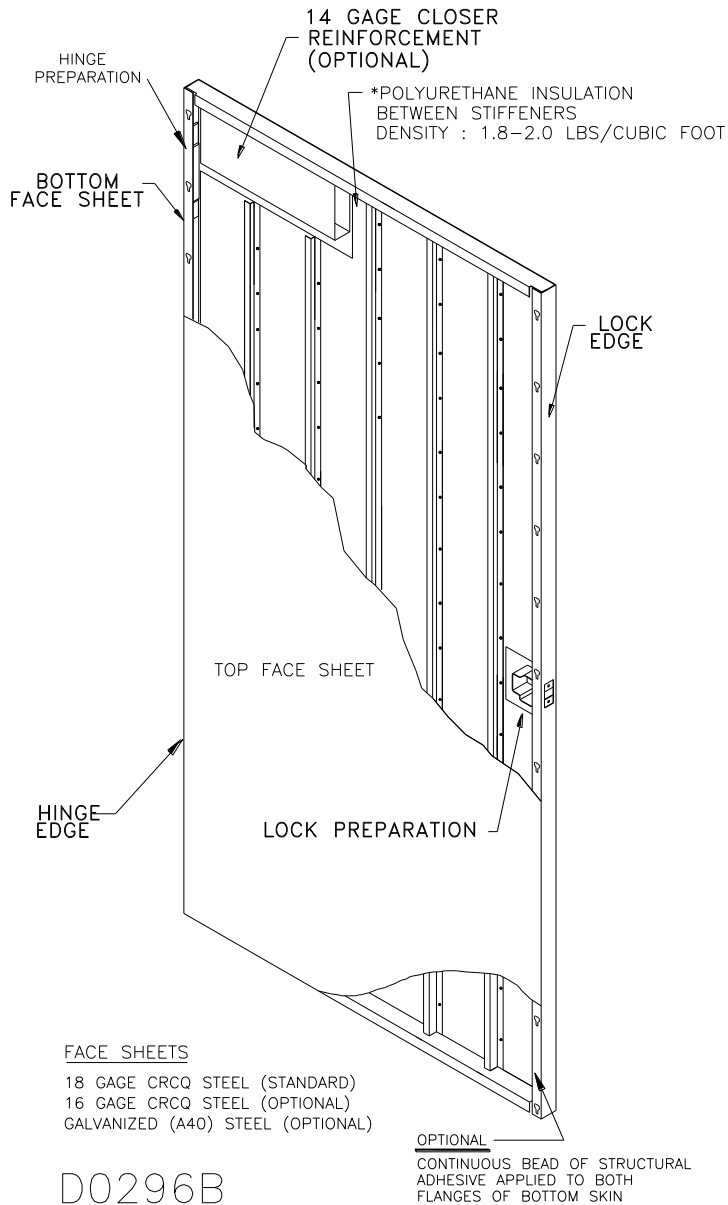
INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN



Trio Steel-Stiffened Core Door Details

Windstorm Door Installation Instructions For Use With FL 4553

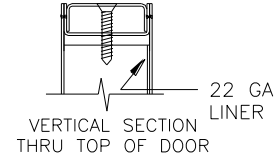
TRIO-E DOOR CONSTRUCTION DETAILS



LOCK EDGE IS BEVELED 1/8" IN 2"
HINGE EDGE IS PERPENDICULAR TO FACES
HINGE BACKSET IS 1/4" (VARIES PER CONDITION)

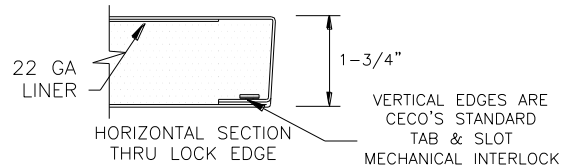
INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN

18 GAGE CAP CHANNEL IS SCREWED TO INVERTED CHANNEL (OPTIONAL).

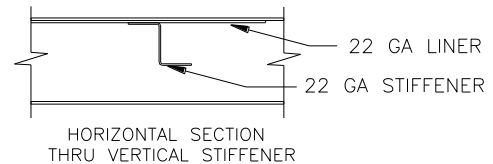


16 OR 18 GA. (WELDING OPTIONAL)

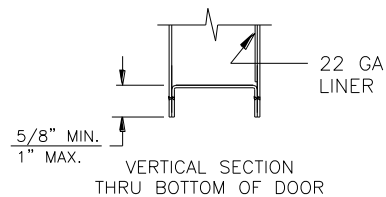
VERTICAL EDGES ARE WELDED THE FULL HEIGHT OF DOOR AND DRESSED SMOOTH TO OBTAIN COMPLETELY SEAMLESS HINGE AND LOCK EDGES.



STANDARD 22 GAGE (20 or 18 GAGE OPTIONAL) FORMED STEEL STIFFENERS, POSITIONED NOT MORE THAN 6" APART, AND WELDED TO 22 GAGE LINER (5" O.C. MAX.).



INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN

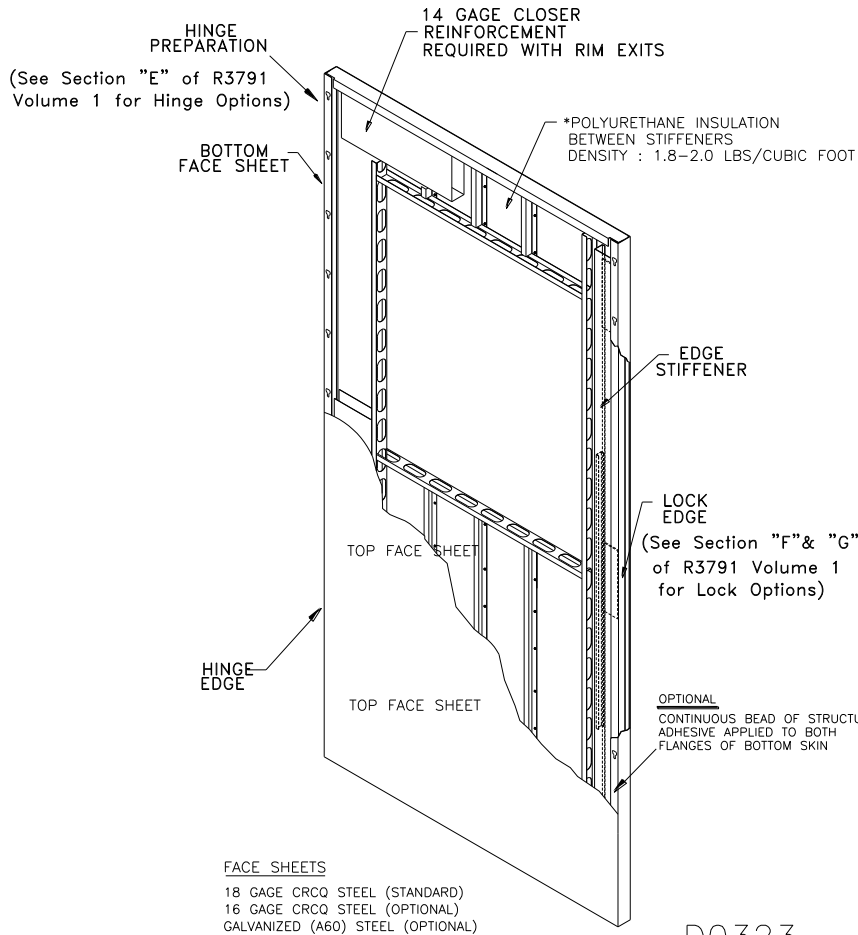


Trio-E Steel-Stiffened Core Door Details

Windstorm Door Installation Instructions

For Use With FL 4553

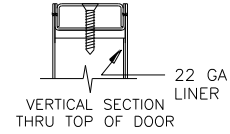
Glazed Trio/Trio-E CONSTRUCTION DETAILS



LOCK EDGE IS BEVELED 1/8" IN 2"
HINGE EDGE IS PERPENDICULAR TO FACES
HINGE BACKSET IS 1/4" (VARIES PER CONDITION)

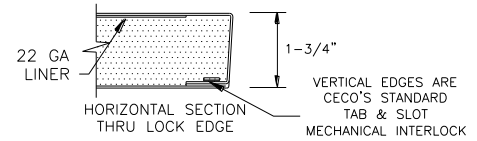
INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN

18 GAGE CAP CHANNEL IS SCREWED
TO INVERTED CHANNEL (OPTIONAL).

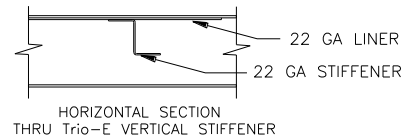


16 OR 18 GA. (WELDING OPTIONAL)

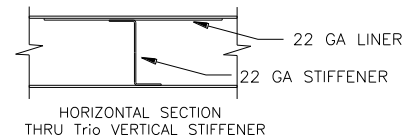
VERTICAL EDGES ARE WELDED THE
FULL HEIGHT OF DOOR AND DRESSED
SMOOTH TO OBTAIN COMPLETELY
SEAMLESS HINGE AND LOCK EDGES.



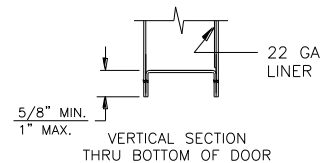
STANDARD 22 GAGE (20 or 18 GAGE OPTIONAL)
FORMED STEEL STIFFENERS, POSITIONED
NOT MORE THAN 6" APART, AND WELDED
TO 22 GAGE LINER (5" O.C. MAX.).



STANDARD 22 GAGE (20 or 18 GAGE OPTIONAL)
FORMED STEEL STIFFENERS, POSITIONED
NOT MORE THAN 6" APART, AND WELDED
TO 22 GAGE LINER (5" O.C. MAX.).



INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN



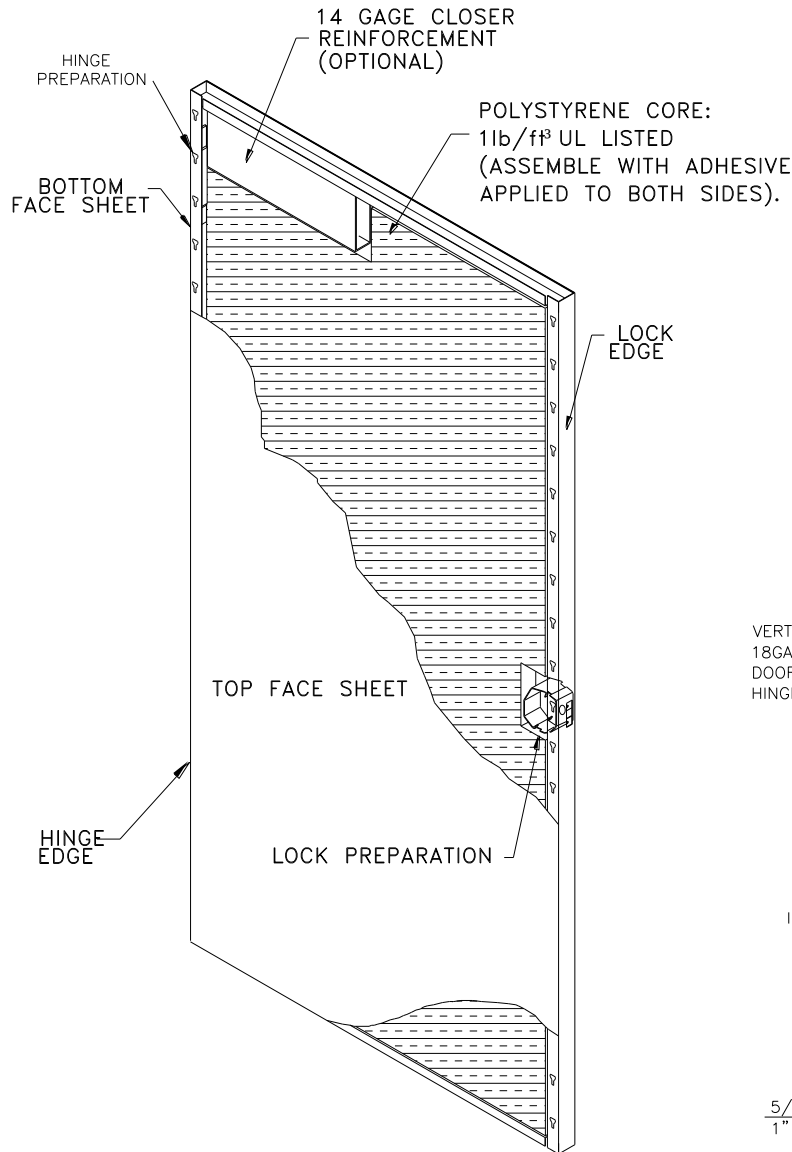
D0323

Glazed Trio/Trio-E Core Door Details (Available with Rim Exit or Vertical Rod Only)

Windstorm Door Installation Instructions

For Use With FL 4553

POLYSTYRENE DOOR CONSTRUCTION DETAILS



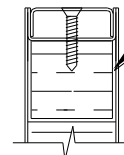
D0255B

LOCK EDGE IS BEVELED 1/8" IN 2" (1:16)
SQUARE EDGE OPTIONAL

INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN

18 GAGE CAP CHANNEL IS SCREWED TO INVERTED CHANNEL (OPTIONAL).

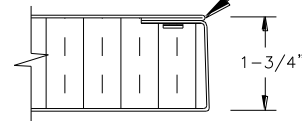
CLOSER REINF.
14GA. x 20" LONG
(Optional)



VERTICAL SECTION THRU TOP OF DOOR

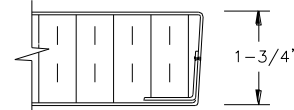
VERTICAL EDGES ARE CECO'S STANDARD TAB & SLOT MECHANICAL INTERLOCK

WELD SEAMED EDGES GROUND SMOOTH ARE OPTIONAL



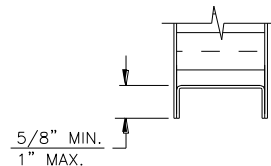
OPTIONAL: CENTER EDGE SEAM

VERTICAL EDGES ARE CONTINUOUSLY WELDED WITH 18GA MINIMUM BACKUP ANGLE FULL HEIGHT OF DOOR AND DRESSED SMOOTH TO OBTAIN SEAMLESS HINGE & LOCK EDGES



HORIZONTAL SECTION THRU LOCK EDGE

INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM CHANNEL SPOT OR PROJECTION WELDED TO TOP & BOTTOM SKIN



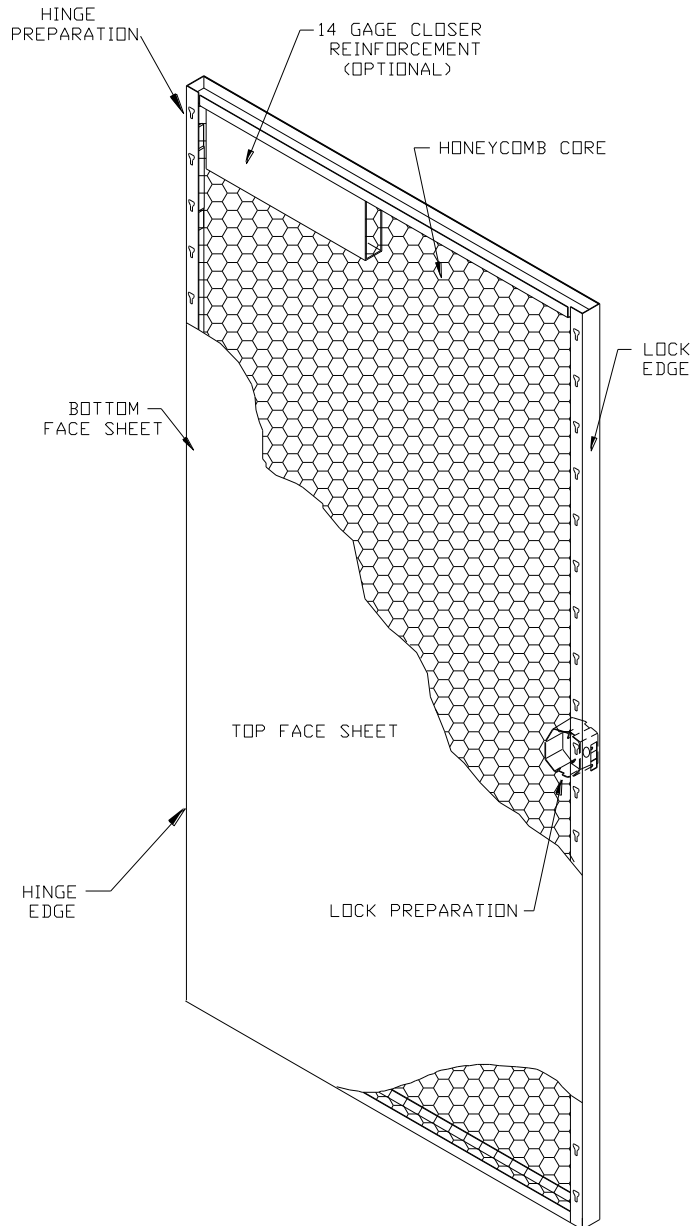
VERTICAL SECTION THRU BOTTOM OF DOOR

Polystyrene Core Door Details

Windstorm Door Installation Instructions

For Use With FL 4553

Honeycomb Core Door CONSTRUCTION DETAILS

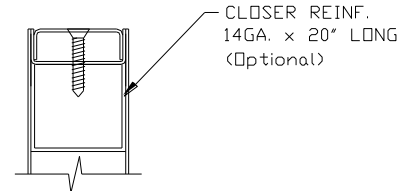


D0238B

LOCK EDGE IS BEVELED 1/8" IN 2" (1:16)
SQUARE EDGE OPTIONAL

INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN

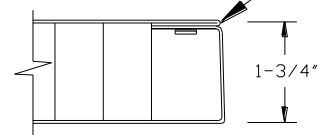
18 GAGE CAP CHANNEL IS SCREWED
TO INVERTED CHANNEL (OPTIONAL).



VERTICAL SECTION
THRU TOP OF DOOR

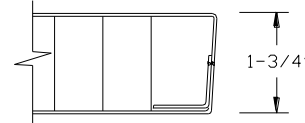
VERTICAL EDGES ARE CECO'S STANDARD
TAB & SLOT MECHANICAL INTERLOCK

WELD SEAMED EDGES GRIND
SMOOTH ARE OPTIONAL



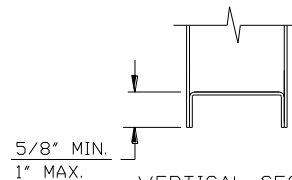
OPTIONAL: CENTER EDGE SEAM

VERTICAL EDGES ARE CONTINUOUSLY WELDED WITH
18GA MINIMUM BACKUP ANGLE FULL HEIGHT OF
DOOR AND DRESSED SMOOTH TO OBTAIN SEAMLESS
HINGE & LOCK EDGES



HORIZONTAL SECTION
THRU LOCK EDGE

INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN



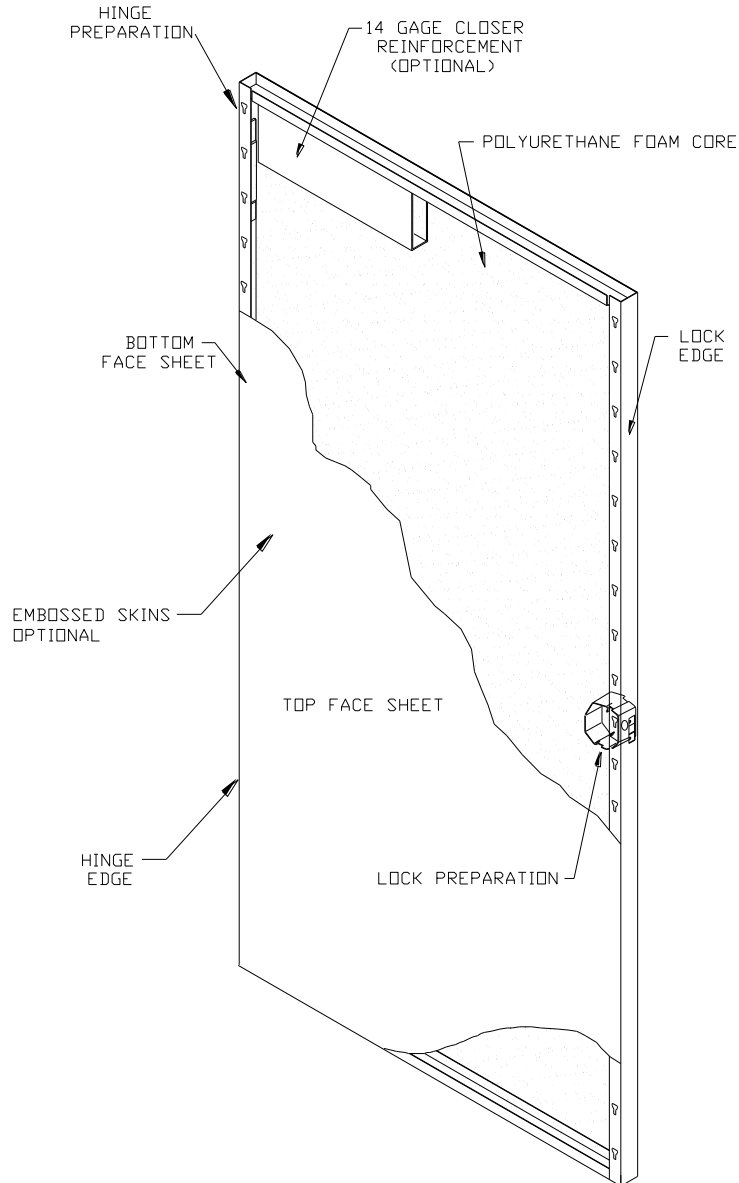
VERTICAL SECTION
THRU BOTTOM OF DOOR

Honeycomb Core Door Details

Windstorm Door Installation Instructions

For Use With FL 4553

Polyurethane Foam Core Door CONSTRUCTION DETAILS

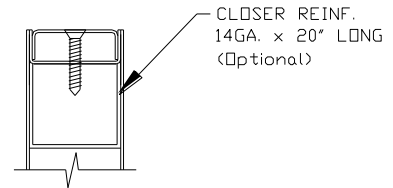


D0237B

LOCK EDGE IS BEVELED 1/8" IN 2" (1:16)
SQUARE EDGE OPTIONAL

INVERTED (16 GAGE MIN., 14 GA. MAX.) TOP
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN

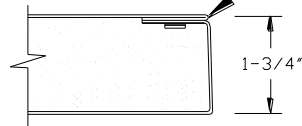
18 GAGE CAP CHANNEL IS SCREWED
TO INVERTED CHANNEL (OPTIONAL).



VERTICAL SECTION
THRU TOP OF DOOR

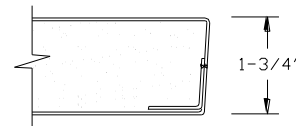
VERTICAL EDGES ARE CECO'S STANDARD
TAB & SLOT MECHANICAL INTERLOCK

WELD SEAMED EDGES GROUND
SMOOTH ARE OPTIONAL



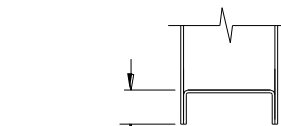
OPTIONAL: CENTER EDGE SEAM

VERTICAL EDGES ARE CONTINUOUSLY WELDED WITH
18GA MINIMUM BACKUP ANGLE FULL HEIGHT OF
DOOR AND DRESSED SMOOTH TO OBTAIN SEAMLESS
HINGE & LOCK EDGES



HORIZONTAL SECTION
THRU LOCK EDGE

INVERTED (18 GAGE MIN., 14 GA. MAX.) BOTTOM
CHANNEL SPOT OR PROJECTION WELDED
TO TOP & BOTTOM SKIN



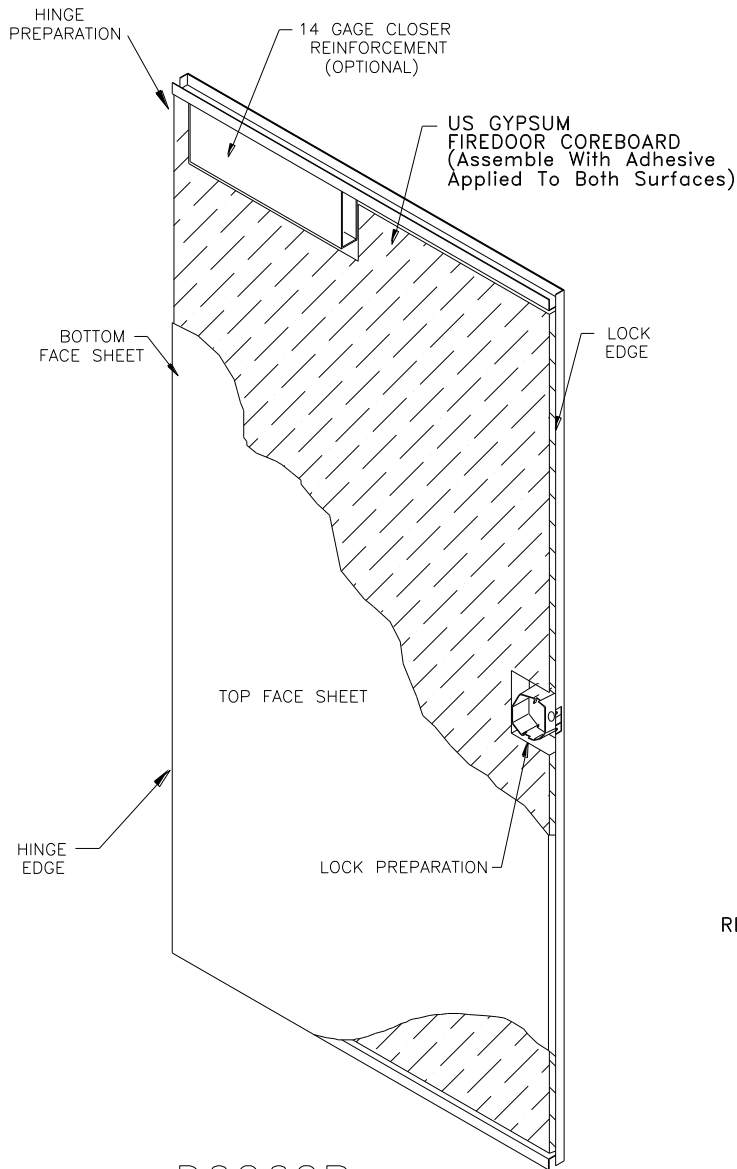
5/8" MIN.
1" MAX.
VERTICAL SECTION
THRU BOTTOM OF DOOR

Polyurethane Core Door Details

Windstorm Door Installation Instructions

For Use With FL 4553

Mineral Core Door CONSTRUCTION DETAILS

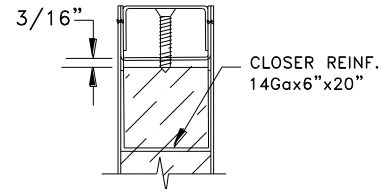


D0262B

LOCK AND HINGE EDGES ARE BEVELED 1/8" IN 2" (1:16)
SQUARE EDGE OPTIONAL

RECESSED 16 GAGE TOP CHANNEL
IS WELDED TO BOTH FACE SHEETS

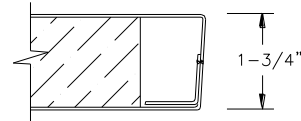
18 GAGE CAP CHANNEL IS SCREWED
TO INVERTED CHANNEL (OPTIONAL).



VERTICAL SECTION
THRU TOP OF DOOR

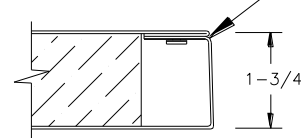
STANDARD: CENTER EDGE SEAM

VERTICAL EDGES ARE CONTINUOUSLY WELDED WITH
18GA MINIMUM BACKUP ANGLE FULL HEIGHT OF
DOOR AND DRESSED SMOOTH TO OBTAIN SEAMLESS
HINGE & LOCK EDGES



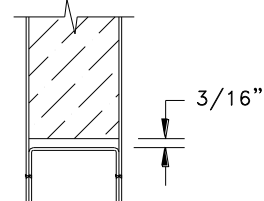
OPTIONAL: TAB & SLOT MECHANICAL INTERLOCK

WELD SEAMED EDGES GROUND
SMOOTH ARE OPTIONAL



HORIZONTAL SECTION
THRU LOCK EDGE

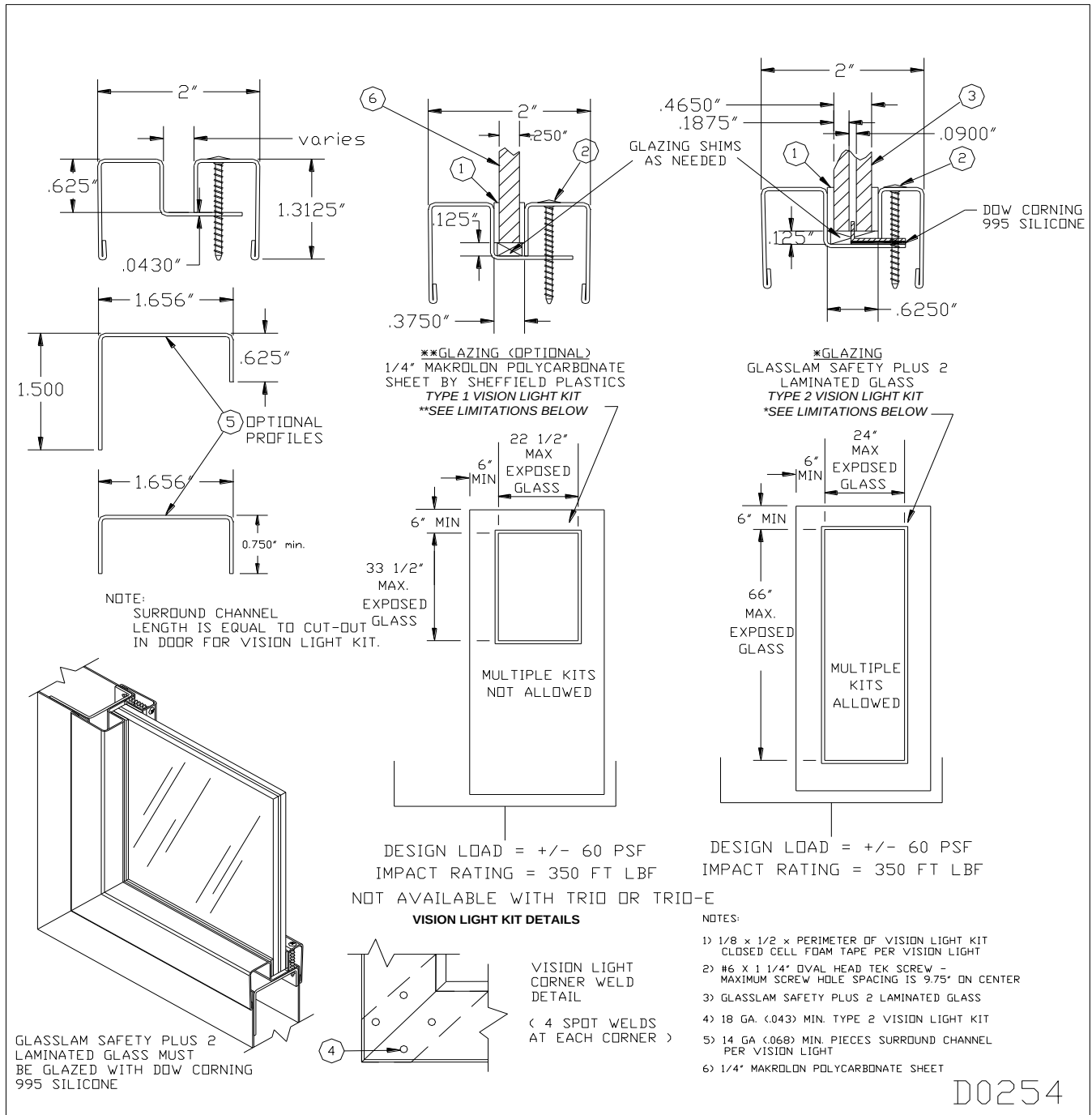
RECESSED 16 GAGE BOTTOM CHANNEL IS
SPOT WELDED TO BOTH FACE SHEETS



VERTICAL SECTION
THRU BOTTOM OF DOOR

Mineral Core Door Details

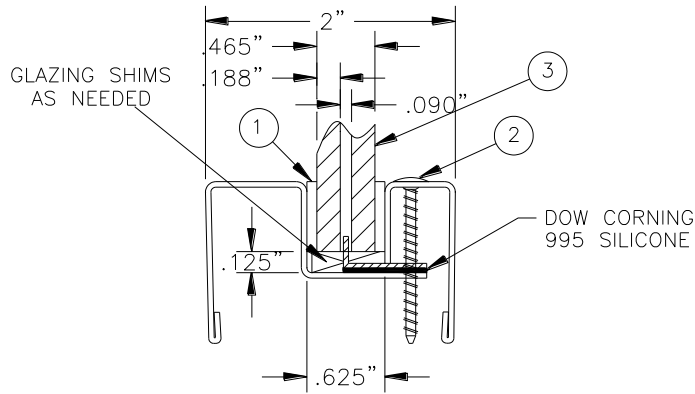
Windstorm Door Installation Instructions For Use With FL 4553



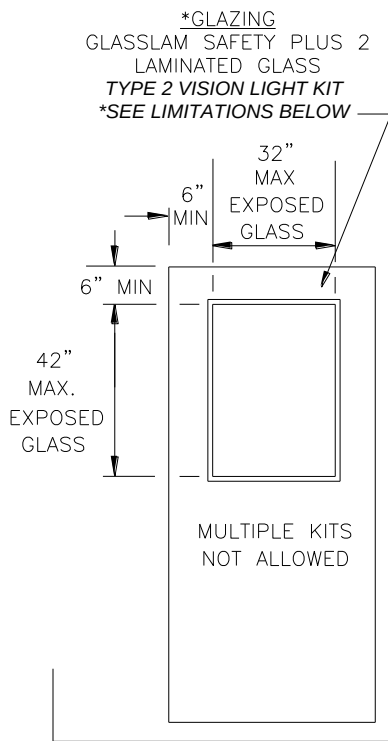
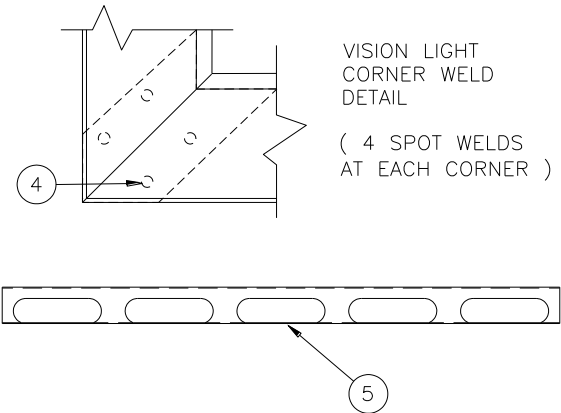
Applied Glass Kit Details

* GLASSLAM SAFETY PLUS 2 laminated glass tested as 3/16 HS glass x 0.090 interlayer x 3/16" HS glass.

Windstorm Door Installation Instructions For Use With FL 4553

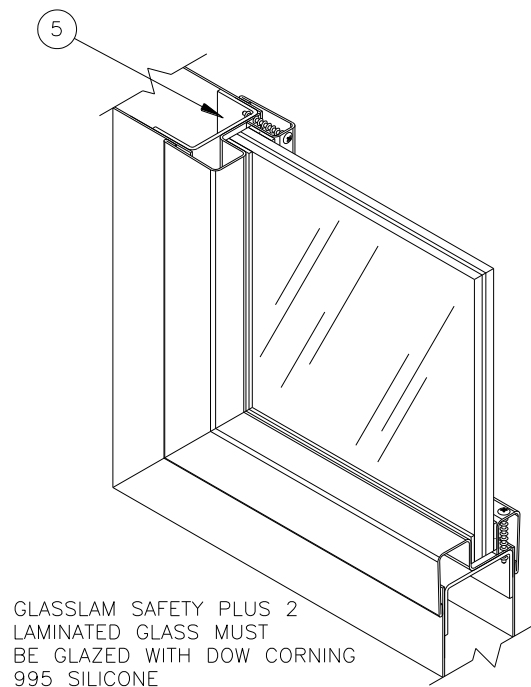


VISION LIGHT KIT DETAILS



DESIGN LOAD = ± 70 PSF
IMPACT RATING = 350 FT LBF

D0322



NOTES:

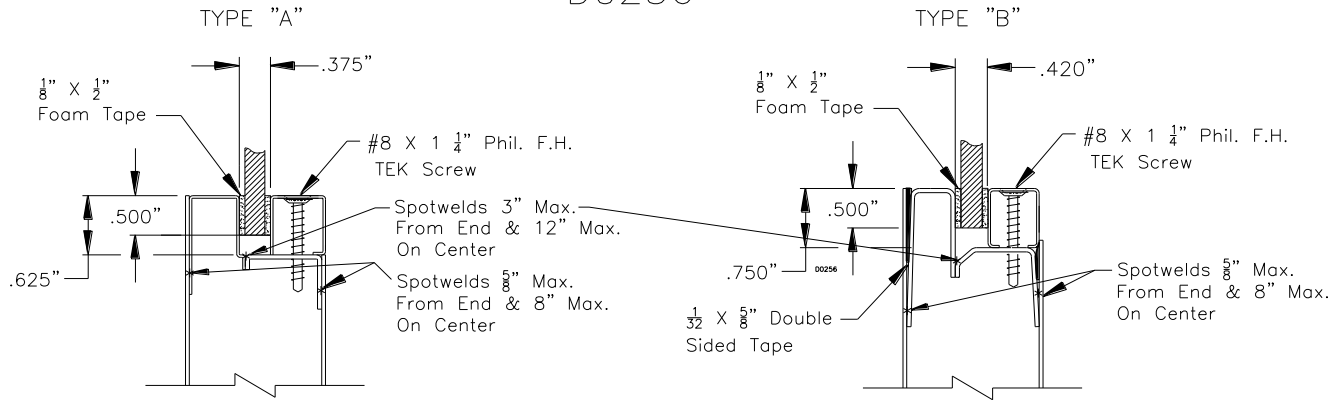
- 1) $1/8 \times 1/2 \times$ PERIMETER OF VISION LIGHT KIT CLOSED CELL FOAM TAPE PER VISION LIGHT
- 2) #6 X 1 1/4" OVAL HEAD TEK SCREW - MAXIMUM SCREW HOLE SPACING IS 8.250" ON CENTER AND 3.5" MAX. FROM ENDS
- 3) GLASSLAM SAFETY PLUS 2 LAMINATED GLASS
- 4) 18 GA. (.043) MIN. TYPE 2 VISION LIGHT KIT
- 5) 20 GA (.032) MIN. GAGE SURROUND CHANNEL

Applied Glass Kit Details Trio/Trio-E

* GLASSLAM SAFETY PLUS 2 laminated glass tested as 3/16 HS glass x 0.090 interlayer x 3/16" HS glass.

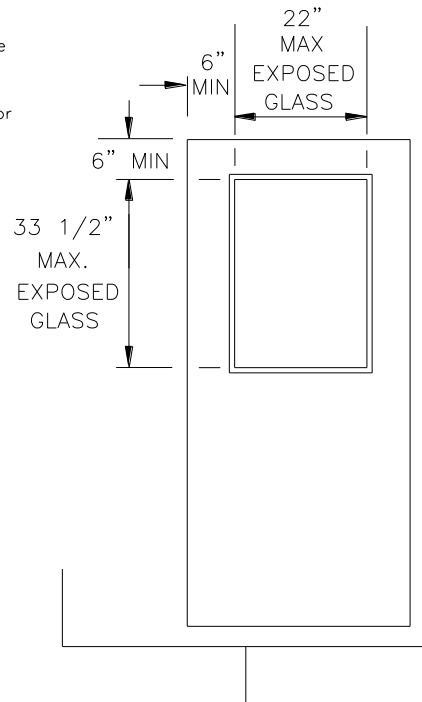
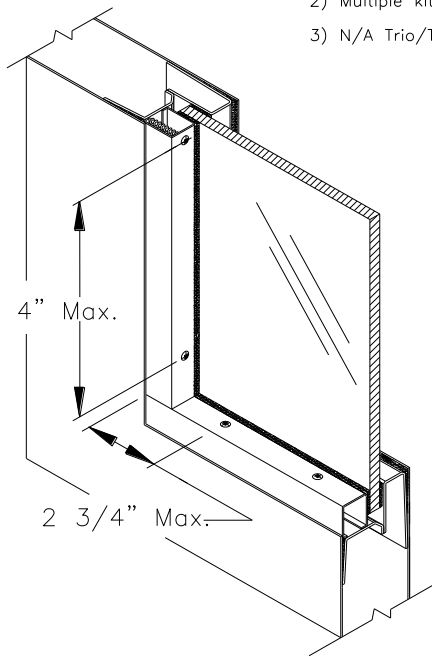
Windstorm Door Installation Instructions For Use With FL 4553

D0256



NOTES:

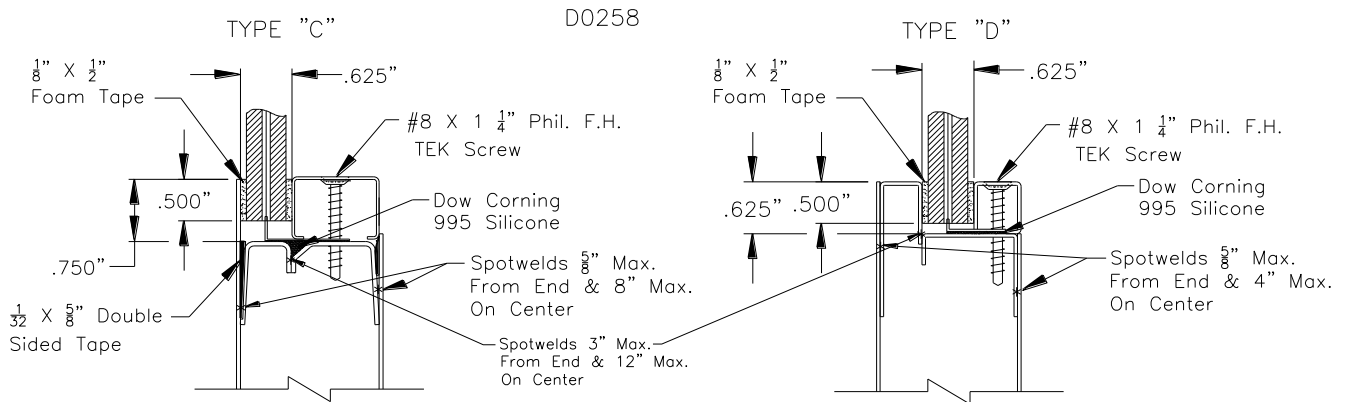
- 1) Glass is 1/4" Makrolon Polycarbonate
- 2) Multiple kits not allowed
- 3) N/A Trio/Trio-E or Imperial/Versadoor



DESIGN LOAD = +/- 60 PSF
IMPACT RATING = 350 FT LBF

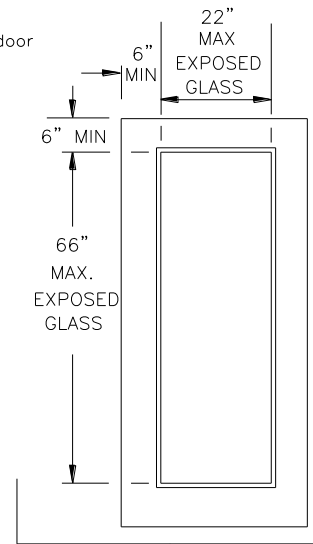
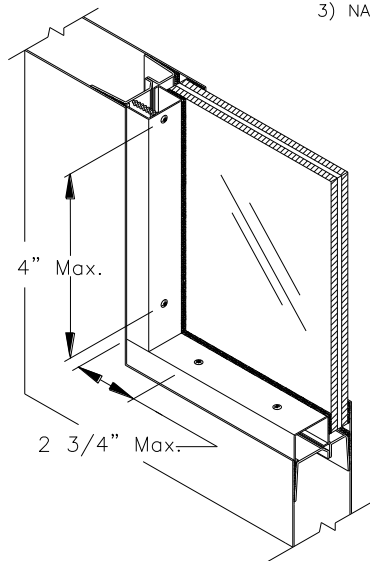
Flush Welded Glass Kit Details

Windstorm Door Installation Instructions For Use With FL 4553



NOTES:

- 1) Glass is Glasslam Safety Plus II
- 2) Multiple kits allowed
- 3) NA Trio/Trio-E or Imperial/Versadoor

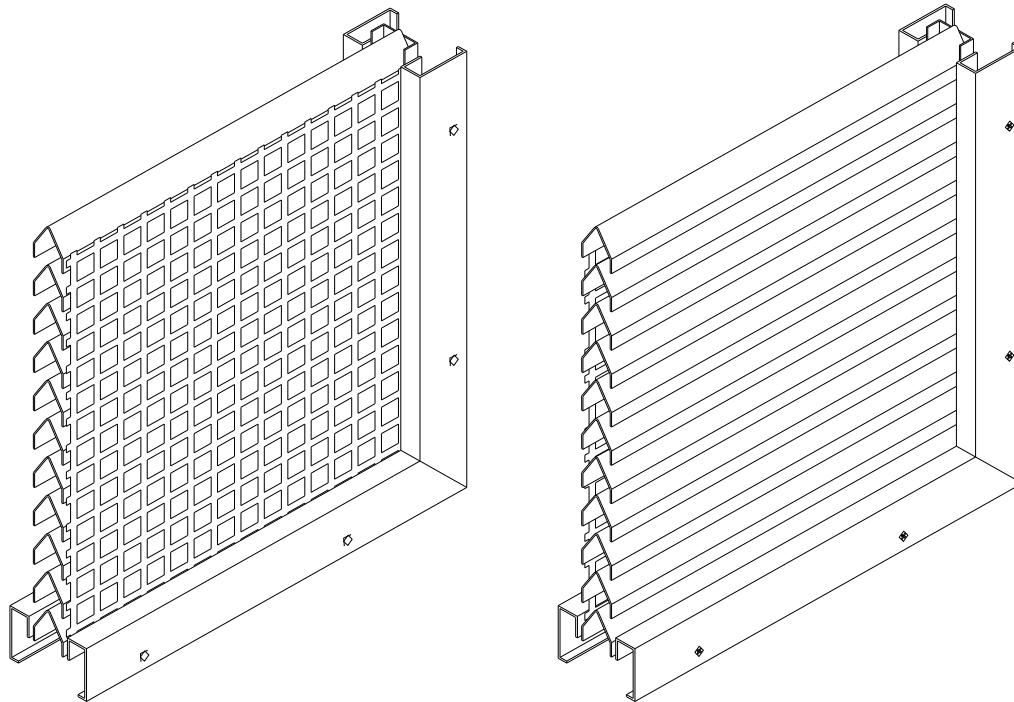


DESIGN LOAD = +/- 60 PSF
IMPACT RATING = 350 FT LBF

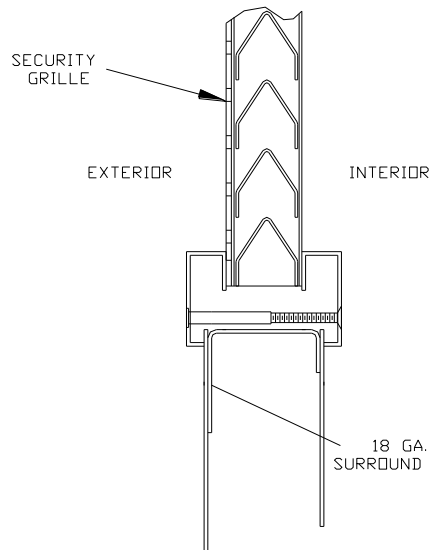
Alternate Flush Welded Glass Kit Details

* GLASSLAM SAFETY PLUS 2 laminated glass tested as 3/16 HS glass x 0.090 interlayer x 3/16" HS glass.

Windstorm Door Installation Instructions For Use With FL 4553

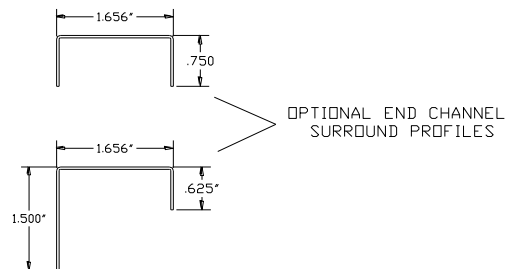


LOUVER INSTALLATION



NOTES:

1. DESIGN PRESSURE - 70 PSF MAX. (OUTSWING ONLY).
2. MARKAR WL60 LOUVER WITH SECURITY GRILLE SHOWN.
3. ANY LISTED LOUVER MAY BE USED.
4. MAXIMUM LOUVER SIZE IS 34" X 78".
5. 6" MINIMUM STILES AND RAILS.
6. MULTIPLE LOUVERS ALLOWED PER DOOR
7. NOT AVAILABLE WITH TRIO OR TRIO-E



D0274

Louver Details

* Louver kit as shown is excluded from use with water or air infiltration applications.