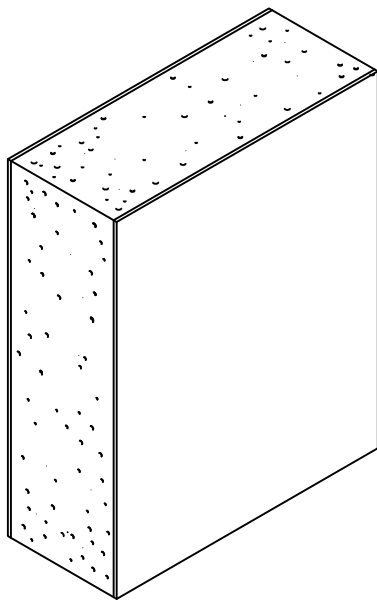


ASSA ABLOY

D3A-1

1-3/4" IMPERIAL MAXIM (IU) 14 GAGE STEEL

POLYURETHANE FOAM CORE, SEAMLESS, CUSTOM TYPE
BEVELED LOCK EDGE, HANDED



*Designed to Take Extreme
People Punishment, Insulated ...*

*Foamed-in-Place Polyurethane core
fills entire cavity. Core is chemically
bonded to all interior surfaces.
High impact resistance. Excellent
insulation Characteristics. Heavy
weight hinge preparations.*

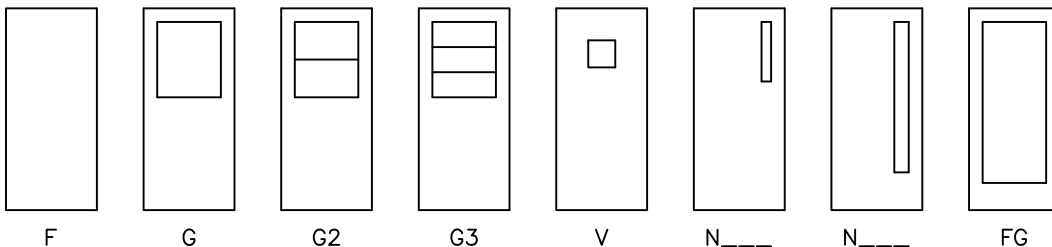
Suggested Use:

Interior or Exterior ...

- * *Primary Schools*
- * *Middle Schools/High Schools*
- * *College/Universities*
- * *Vocational Training Centers*
- Rehabilitation Centers*
- Mental Health Care Facilities*

* *Door has Full Lifetime Warranty when used in Schools*

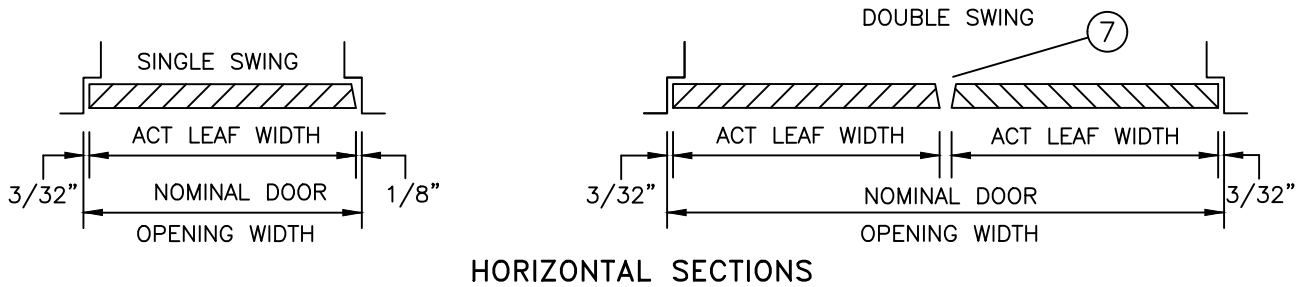
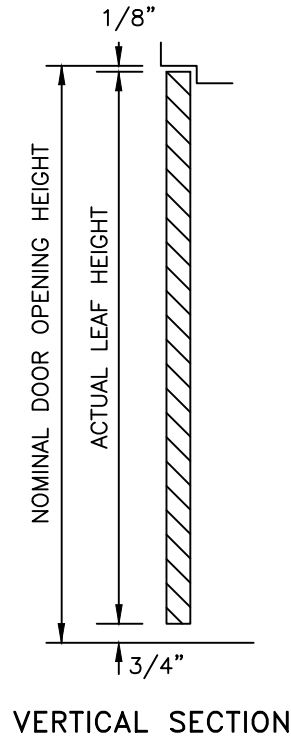
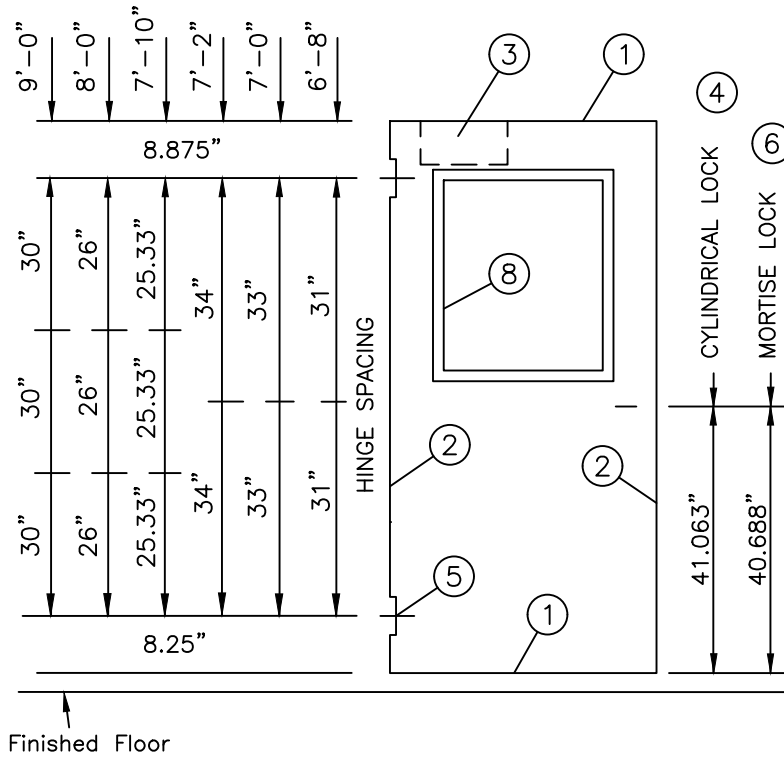
FLUSH DESIGNS



08/20/19

D3A-2

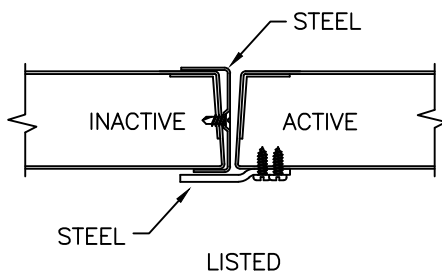
Hardware locations shown match Ceco standard frames.



(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

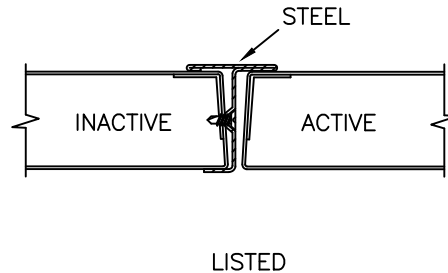
OVERLAPPING ASTRAGAL
4441
FOR 1-3/4" THICK
DOORS

7



OVERLAPPING ASTRAGAL
4471
FOR 1-3/4" THICK
DOORS

7



01/07/20



TECH-DATA

IMPERIAL MAXIM DOORS

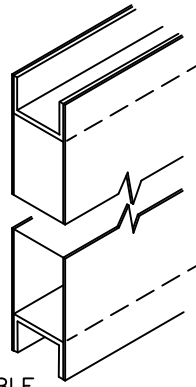
D3A-3

16 GAGE STEEL
END CHANNELS

WELDED
TO BOTH
FACE SHEETS

INVERTED
TOP AND
BOTTOM

OPTIONAL TOP AND
BOTTOM CAPS ARE AVAILABLE

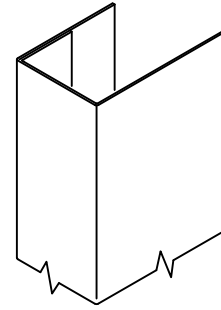


1

VERTICAL EDGES

SEAMLESS
VERTICAL
EDGES

CONTINUOUS
SEAM WELDED
FULL HEIGHT
AND GROUND
SMOOTH

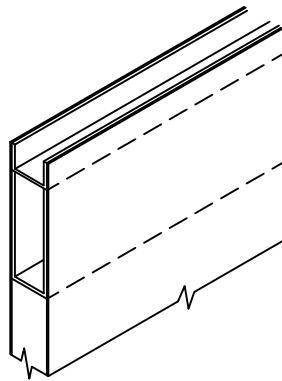


2

CLOSER
REINFORCEMENT
(OPTIONAL)

14 GAGE STEEL
CHANNEL 20" LONG

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

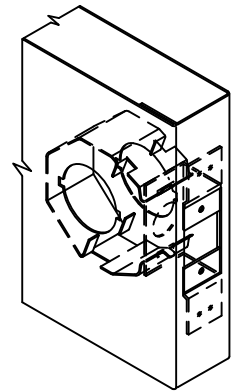


3

LOCK PREPARATION
GOV. 160/161
CYLINDRICAL TYPE

(LC1)
(ANSI A115.2)
2-3/4"
BACKSET

LOCK EDGE IS BEVELED
1/8" in 2" (1:16)

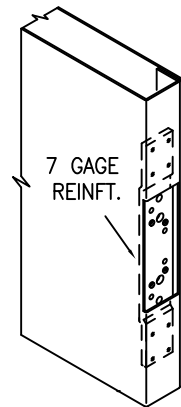


4

HINGE
PREPARATION

4-1/2 OR 5 IN.
HIGH HEAVY WEIGHT,
FULL MORTISE
HINGES

HINGE EDGE IS HANDED
AND NOT BEVELED.



7 GAGE
REINFT.

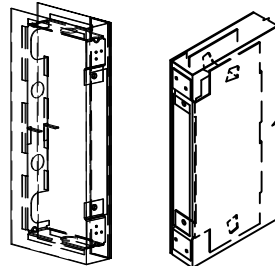
ANSI A156.7
TEMPLATE

5

LOCK
PREPARATION
GOV. 86, ANSI/BHMA A115.1
MORTISE TYPE

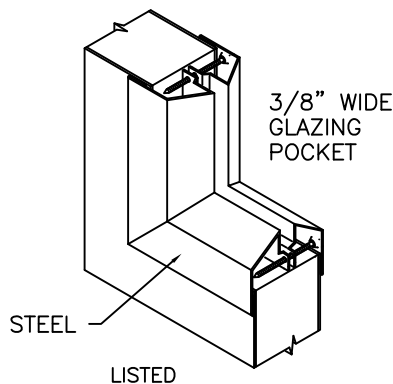
(LMO)

NOTE: EITHER OF THE LOCK
REINFORCEMENTS/
GUARDS SHOWN MAY
BE INSTALLED WITH
ANY MORTISE LOCK
PREPARATION.



6

GLAZING TRIM
SlimTrim
FOR ALL
FIRE DOORS



3/8" WIDE
GLAZING
POCKET

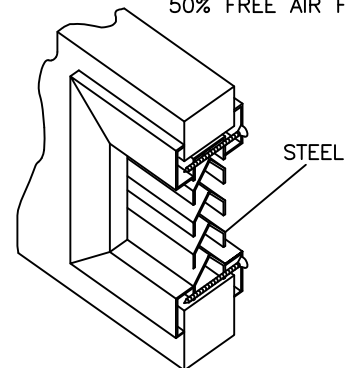
STEEL

LISTED

8

FIXED SLAT TYPE LOUVER
4634
FOR 1-3/4" THICK
DOORS

50% FREE AIR FLOW



STEEL

9

08/20/19

Ceco Door

ASSA ABLOY

Experience a safer
and more open world

D3A-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT	
SINGLE	DOUBLE		
2'-0"	4'-0"	6'-8"	
2'-4"	4'-8"		
2'-6"	5'-0"		
2'-8"	5'-4"		
2'-10"	5'-8"		
3'-0"	6'-0"		
3'-4"	6'-8"		
3'-6"	7'-0"		
3'-8"	7'-4"		
3'-10"	7'-8"		
4'-0"	8'-0"		
			7'-0"
			7'-2"
			7'-10"
			8'-0"
			9'-0"

FIRE DOORS

LABELING AGENCY: • UNDERWRITERS LABORATORY • WARNOCK HERSEY
TEST: UL 10C, UL 10B, UL 1784, & NFPA 252 • DESIGNS: F, G, N, V • RATING: 1/3 HR, 3/4 HR, 1-1/2 HR, or 3 HR. MAX. SIZE: 4'0" x 7'0" SINGLE • RATING: 1/3 HR, 3/4 HR, 1-1/2 HR, or 3 HR MAX. SIZE: (2) 4'0" x 7'0" with Mullion

PRODUCT SPECIFICATIONS:

1-3/4" Thick steel doors shall be as manufactured by Ceco Door Products, Milan, TN USA. Doors shall conform to the Steel Door Institute guide specification, ANSI A250.8; see chart below for performance classifications.

IMPERIAL MAXIM doors are seamless design. Faces sheets are commercial quality cold rolled steel conforming to ASTM A1008 ...or (optional) hot-dipped galvanized or galvanized steel conforming to ASTM A924 and A653 -- see chart below.

Door face sheets are flush with no visible seams; vertical edges are welded the full height and ground smooth with no visible seams. Face sheets are totally supported by a foamed-in-place polyurethane core. The core fills the entire door cavity and is chemically bonded to all interior surfaces. Density of foam exceeds 1.8 pcf and it has a crush strength of 3600 psf. The top and bottom door edges are closed with 16 gage steel channels welded to both face sheets. Door has Full Lifetime Warranty when used in Schools.

Hardware Provisions: Hinge preparations are handed. Hinge edges are mortised for 4-1/2" or 5" high, heavy weight hinges (specify which). 7 gage steel hinge reinforcements are welded inside the door edge and are drilled and tapped for fasteners in accordance with ANSI A156.7. The lock edge has a standard bevel (1:16) and is prepared for Gov. series 86 or 160/161 locks in accordance with ANSI A115 (specify which). Optional closer reinforcement is a 14 gage steel channel.

Paint: 1-3/4" steel doors shall be provided with one coat of oven-cured neutral color primer paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" finish coat is also available from a selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform to ANSI A250.3.. For accurate color selectors ask for a Ceco Colorstyle chart.

MATERIAL

DOOR FACE SHEETS	LEVEL	C.R.	GALV		RECOMMENDED DOOR FRAME MATERIAL
			A60	G90	
14 Gage Steel	Maximum Duty	STD	OPT	OPT	12 or 14 Gage Steel

PERFORMANCE

Thermal Characteristic Value:	CORE CALCULATED (ASTM C518)	R = 11.01	U = 0.091
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Thermal Characteristic Value:	CORE CALCULATED (ASTM C518)	R = 11.01	U = 0.091
	*NFRC 102-2014 & ASTM FLUSH DOOR WITH MERCURY FRAME	R = 2.63	U = 0.38
	*NFRC 102-2014 & ASTM FLUSH DOOR WITH WEATHERKERF FRAME	R = 2.63	U = 0.38
	*NFRC 102-2014 & ASTM FLUSH DOOR WITH STANDARD FRAME	R = 2.50	U = 0.40

*NFRC102-2014: The general requirements of testing shall be as defined in NFRC 102, ASTM C1199 and ASTM C1363.

Sound Transmission Class:	STC 26 (F Design)
Class:	ASTM E90 & E413 [Fully Operable]
Physical Endurance Level:	Meets ANSI A250.4 Performance Test, Level A (1,000,000 Cycles)

08/20/19

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



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