

ZHCW.R27575 - Swinging Doors, Exterior

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[See General Information for Swinging Doors, Exterior](#)

CECO DOOR PRODUCTS, DIV OF ASSA ABLOY DOOR GROUP L L C
 9159 TELECOM DR
 MILAN, TN 38358-3425 USA

R27575

Impact

Model	Configuration	Max Size	Min Ga.	Design Stiffness Class	Design Load (psf)	Design Speed (f/s)	Design Energy (ft-lbs)	Hardware Type	Latch Throw Min (in.)	Latch Strength Min (lbf)	Test Method(s)*
Medallion, Legion, Ultra, Regent, Omega, Fuego,	Inswing/Outswing Single	3'0" x 7'0"	18	I	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt	1/2 cylindrical 3/4 mortise	630	ANSI/SDI A250.13+
Medallion, Legion, Ultra, Regent, Omega, Fuego,	Outswing Single	3'0" x 7'0"	18	I	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt Mortise Exit Rim Exit Vertical Rod Exit	1/2 Cylindrical 3/4 Mortise 3/4 Mortise Exit 3/4 Rim Exit 1/2 Vertical Rod Exit	630	ANSI/SDI A250.13+
Medallion, Legion, Ultra, Regent, Omega,	Outswing Single	3'0" x 8'0"	18	I	±60	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 Mortise 1 Deadbolt 3/4 Rim Exit 1/2 Vertical Rod Exit	720	ANSI/SDI A250.13+
Medallion, Legion, Ultra, Regent, Omega, Fuego,	Inswing / Outswing Single	3'0" x 7'0"	18	I	±70	50	350	Cylindrical Lock + Deadlock Mortise Lock w/ Deadbolt Interconnected Cylindrical + Deadlock	1/2 Cylindrical 3/4 Mortise 1 Deadbolt or Deadlock	735	ANSI/SDI A250.13+
Trio Trio-E	Inswing / Outswing Single	4'0" x 8'0"	18	I	±70	50	350	Cylindrical Lock Mortise Lock w/ Deadbolt	1/2 Cylindrical 3/4 Mortise	1120	ANSI/SDI A250.13+
Trio Trio-E	Outswing Single	4'0" x 8'0"	18	I	±70	50	350	Rim Exit Vertical Rod Exit	3/4 Rim Exit 1/2 Vertical Rod Exit	1120	ANSI/SDI A250.13+
Medallion Legion Ultra Regent Omega Fuego	Outswing Single	4'0" x 8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 Mortise 1 Deadbolt 3/4 Rim Exit 1/2 Vertical Rod Exit	1120	ANSI/SDI A250.13+
Trio Trio-E	Inswing/Outswing Single	3'0" x 7'0"	18	I	±100	50	350	Cylindrical Lock Mortise Lock w/ Deadbolt	1/2 Cylindrical 3/4 Mortise 1 Deadbolt	1050	ANSI/SDI A250.13+
Trio Trio-E	Outswing Single	3'0" x 7'0"	18	I	±100	50	350	Rim Exit	3/4 Rim Exit	1050	ANSI/SDI A250.13+
Medallion Regent Imperial Legion	Inswing / Outswing Single	4'0" x 8'0"	14	I	±150	50	350	Multi-Point Lock w/ Deadbolt	3/4 Mortise 1 Deadbolt	800	ANSI/SDI A250.13+
Medallion Legion	Outswing Single	4'0" x 8'0"	14	I	±150	50	350	Vertical Rod Exit	3/4 Vertical Rod Exit	1200	ANSI/SDI A250.13+
Medallion Regent Imperial Legion	Inswing / Outswing Single	4'0" x 8'0"	14	I	±150	80	895	Multi-Point Lock w/ Deadbolt	3/4 MPL 1 Deadbolt	800	ANSI/SDI A250.13+

Medallion Legion	Outswing Single	4'0" x 8'0"	14	I	±150	80	895	Vertical Rod Exit	3/4 Vertical Rod Exit	1200	ANSI/SDI A250.13+
Medallion Legion Ultra Regent Omega	Outswing Pair	6'0" x 7'0"	18	I	±60	50	350	Rim Exit x Rim Exit x Mullion	3/4 Rim Exit	630	ANSI/SDI A250.13+
Trio , Trio-E,	Inswing/Outswing Pair	6'0" x 7'0"	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 Cylindrical 3/4 Mortise 1 Deadbolt or Deadlock 1 Flush or Surface Bolts	490	ANSI/SDI A250.13+
Trio, Trio-E,	Outswing Pair	8'0" x 8'0"	18	I	±70	50	350	Rim Exit x Rim Exit x Mullion Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 Rim Exit 3/4 Vertical Rod Exit 1-1/4 Surface Bolts	1120	ANSI/SDI A250.13+
Trio, Trio-E,	Inswing/Outswing Pair	8'0" x 8'0"	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 Cylindrical 3/4 Mortise 1 Deadbolt or Deadlock 1 Flush or Surface Bolts	747	ANSI/SDI A250.13+
Trio, Trio-E,	Outswing Pair	8'0" x 8'0"	18	I	±70	50	350	Vertical Rod Lock x Vertical Rod Lock	1/2 Vertical Rod Lock	560	ANSI/SDI A250.13+
Medallion Legion Ultra Regent Omega	Outswing Pair	8'0" x 8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts Rim Exit x Rim Exit x Mullion Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 Mortise 1 Deadbolt 3/4 Rim Exit 1/2 Vertical Rod Exit 1-1/4 Surface Bolts	747	ANSI/SDI A250.13+
Medallion Legion Ultra Regent Omega	Outswing Pair	8'0" x 8'0"	16	I	±70	50	350	Vertical Rod Lock x Vertical Rod Lock	1/2 Vertical Rod Lock	560	ANSI/SDI A250.13+
Fuego	Outswing Pair	8'0" x 8'0"	16	I	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts	3/4 Mortise 1 Deadbolt 1-1/4 Surface Bolts	747	ANSI/SDI A250.13+
Medallion Regent Imperial Legion	Inswing / Outswing Pair	8'0" x 8'0"	14	I	±150	50	350	Multi-Point Lock w/ Deadbolt x Surface Bolts	3/4 MPL 1 Deadbolt 1-1/4 Surface Bolts	960	ANSI/SDI A250.13+
Medallion Legion	Outswing Pair	8'0" x 8'0"	14	I	±150	50	350	Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 Vertical Rod Exit 1-1/4 Surface Bolts	1200	ANSI/SDI A250.13+

Medallion Regent Imperial Legion	Inswing / Outswing Pair	8'0" x 8'0"	14	I	±150	80	895	Multi-Point Lock w/ Deadbolt x Surface Bolts	3/4 Mortise 1 Deadbolt 1-1/4 Surface Bolts	960	ANSI/SDI A250.13+
Medallion Legion	Outswing Pair	8'0" x 8'0"	14	I	±150	80	895	Vertical Rod Exit x Vertical Rod Exit Vertical Rod Exit x Surface Bolts	3/4 Vertical Rod Exit 1-1/4 Surface Bolts	1200	ANSI/SDI A250.13+
Imperial Versadoor	Inswing / Outswing Single	3'0" x 7'0"	18	II	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt	1/2 Cylindrical 3/4 Mortise	630	ANSI/SDI A250.13+
Imperial Versadoor	Outswing Single	3'0" x 7'0"	18	II	±60	50	350	Cylindrical Lock Mortise Lock w/o Deadbolt Mortise Exit Rim Exit Vertical Rod Exit	1/2 Cylindrical 3/4 Mortise 3/4 Mortise Exit 3/4 Rim Exit 1/2 Vertical Rod Exit	630	ANSI/SDI A250.13+
Imperial Versadoor	Inswing / Outswing Single	3'0" x 8'0"	18	II	±60	50	350	Mortise Lock w/ Deadbolt	3/4 Mortise 1 Deadbolt	720	ANSI/SDI A250.13+
Imperial Versadoor	Outswing Single	3'0" x 8'0"	18	II	±60	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 Mortise 1 Deadbolt 3/4 Rim Exit 1/2 Vertical Rod Exit	720	ANSI/SDI A250.13+
Imperial Versadoor	Inswing / Outswing Single	3'0" x 7'0"	18	II	±70	50	350	Cylindrical Lock + Deadlock Mortise Lock w/ Deadbolt Interconnected Cylindrical + Deadlock	1/2 Cylindrical 3/4 Mortise 1 Deadbolt or Deadlock	735	ANSI/SDI A250.13+
Imperial Versadoor	Inswing / Outswing Single	4'0" x 8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt	3/4 Mortise 1 Deadbolt	1120	ANSI/SDI A250.13+
Imperial Versadoor	Outswing Single	4'0" x 8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt Rim Exit Vertical Rod Exit	3/4 Mortise 1 Deadbolt 3/4 Rim Exit 1/2 Vertical Rod Exit	1120	ANSI/SDI A250.13+
Imperial Versadoor	Outswing Pair	6'0" x 7'0"	18	II	±60	50	350	Rim Exit x Rim Exit x Mullion	3/4 Rim Exit	315	ANSI/SDI A250.13+
Imperial Versadoor	Outswing Pair	8'0" x 8'0"	16	II	±70	50	350	Mortise Lock w/ Deadbolt x Surface Bolts	3/4 Mortise 1 Deadbolt 1-1/4 Surface Bolts	747	ANSI/SDI A250.13+

Glass lites are available on doors up to ±60 psf (±70 psf for Trio/Trio-E doors). Louvers are available on doors up to ±70 psf.

+ Products also tested to TAS 201, TAS 202 (Structural only), TAS 203, ASTM E330, ASTM E1886 and ASTM E1996.

* See [ZHCH](#) for ratings and construction details.

See manufacturer's installation instructions.

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