Corbin Russwin

ASSA ABLOY

ED7000 Series Exit Device

PRODUCT CATALOG



Experience a safer
and more open world

Applications

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ED7000 SERIES NARROW STILE CROSSBAR EXIT DEVICE

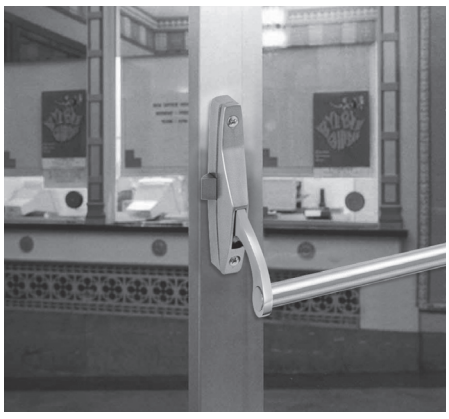
Applications

Since patenting some of the first exit devices nearly a century ago, Corbin Russwin has met rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. ED7000 Series Crossbar Exit Devices are designed for high-use, high-abuse applications on narrow and regular stile doors in new construction and renovations including:

- Schools and universities
- Health care
- Government
- Commercial and industrial
- Office and retail
- Transportation and utilities
- Hotels and conference centers
- Religious

Advantages

- Heavy-duty construction
- Base metals (brass, bronze and stainless steel) for durability
- Easy-to-use crossbar operation assures quick egress
- Dogging standard on all panic listed devices
- Through-bolted trims for strength and security
- Wide range of trim styles and finishes to match other Corbin Russwin products
- Devices available to satisfy panic and fire opening requirements
- ADA compliant



⚠ WARNING

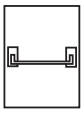
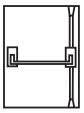
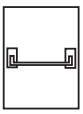
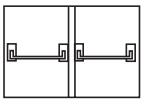
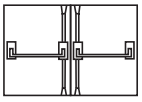
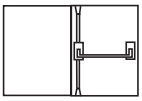
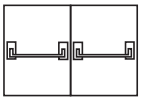
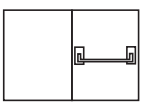
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

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Applications and Listings

UL

UL listed as fire exit hardware by Underwriters Laboratories Inc.

Single Door	Max. Door Opening	Fire Door Ratings					Application	
		A	B, D	C, E				
		3 Hr.	1-1/2 Hr.	3/4 Hr.	1/2 Hr.	1/3 Hr.		
Rim ED7200	None		Devices are panic listed only.				Surface applied; single point latching	
Surface Vertical Rod ED7400	4' x 10'		Devices are panic listed only.				Surface applied; two point latching	
Concealed Vertical Rod ED7800	4' x 10'8"		Devices are panic listed only.				Rods concealed in door; two point latching	
ED7800A	4' x 7'2"	UL	UL	UL	UL	UL		
Pair of Doors with Removable Mullion								
ED7200 x ED7200 x CR972A	8' x 8'		Devices are panic listed only.				2 independent, active doors with removable mullion	
ED7200 x ED7200 x CR910	8' x 10'		Devices are panic listed only.					
Pair of Doors								
Surface Vertical Rod (Swinging in the same direction) ED7400 x ED7400	8' x 10'		Devices are panic listed only.				2 independent doors with 2 point latching — do not use overlapping astragal	
Surface Vertical Rod (Swinging in Opposite Directions) ED7400 x ED7400	8' x 10'		Devices are panic listed only.				2 independent doors with 2 point latching	
Concealed Vertical Rod (Swinging in same direction) ED7800 x ED7800	8' x 10'8"		Devices are panic listed only.				2 independent doors with 2 point latching — do not use overlapping astragal.	
ED7800A x ED7800A	8' x 7'2"	UL	UL	UL	UL	UL		
Concealed Vertical Rod (Swinging in opposite directions) ED7800 x ED7800	8' x 10'8"	—	Devices are panic listed only.				2 independent doors with 2 point latching — overlapping astragal required for 3 hour openings	
ED7800A x ED7800A	8' x 7'2"	UL	UL	UL	UL	UL		

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Rim Exit Features

ED7200 RIM EXIT DEVICE

FEATURES

Handing
- Field reversible; specify hand.

Bar Length
- Easily field cut to size.
- Standard 36" (914mm) bar fits doors up to 36" (914mm).
- Optional 48" (1219mm) bar fits doors up to 48" (1219mm) doors; see How to Order page 20.

Door Thickness
- Standard: 1-3/4" (44mm).
- Optional: 2" (51mm) and 2-1/4" (57mm); see How to Order, page 20.

Backset
- 1-3/4" (44mm) with standard strike and 1/2" (13mm) stop. (Backset changes when mullion is used).

Stile
- Minimum width 2-1/2" (64mm) with standard strike and 1/2" (13mm) stop.

Projection
- 4" (102mm): 2 3/4" (70mm) depressed.
- 2-3/4" (70mm) depressed.

Latchbolt
- 5/8" (16mm) throw pivoted.

Latch Hold-Back
- Standard: latch remains in hold-back position by full rotation of key outside.
- Optional: less latch hold-back; see How to Order, page 19.

Materials
- Brass, bronze or stainless steel.

Cases
- Heavy cast, 7-1/2" (191mm) x 1-1/4" (32mm).

Crossbar
- Standard: 1" brass, bronze and stainless steel tubing.
- Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 19.

Dogging
- Standard on ED7200 devices.
- Optional: less dogging; see How to Order, page 19.

Fasteners
- Standard: machine screws.
- Optional: sex nuts and bolts or spanner head screws; see How to Order, page 19.

Strike
- See Options and Accessories, page 15.

Removable Mullion
- See Mullions, page 7.

Trims and Functions
- Through-bolted pull trims available; see Trims and Functions, page 6.

Cylinders
- Brass, 6-pin, L4 keyway, 0-bitted standard.
- Optional cylinders available; see How to Order, page 19.

Keys
- Two nickel silver standard.

Applications and Listings
- See page 3.

Warranty
- One-year limited.

CERTIFICATION/COMPLIANCE

ANSI
- Meets A156.3, Grade 1.
- Meets A117.1 Accessibility Code. ADA Compliant.

UL /ULC
- All exit devices listed for safety as panic hardware; devices comply with UL305 standards for panic hardware. UL symbol on active head indicates listing.

NFPA
- All exit devices comply with NFPA 101 Life Safety Code.

FINISHES

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed
613E	Dark Oxidized Satin Bronze - Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
626C	Satin Chrome Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C	Satin Stainless Steel with MicroShield®
BHMA 722	Black oxidized bronze, oil rubbed

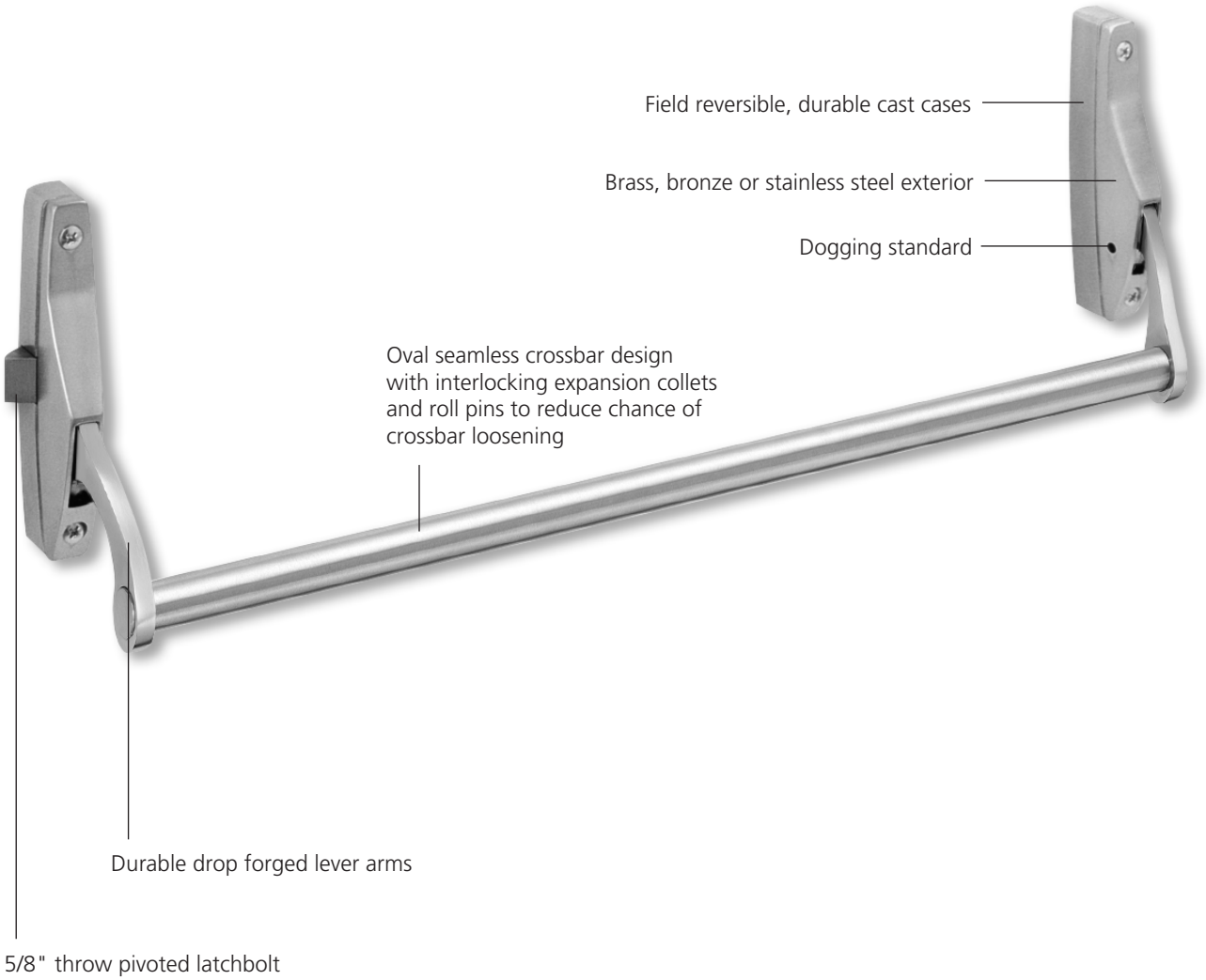
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Rim Exit Features

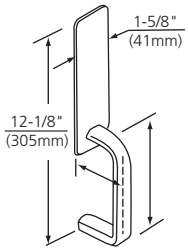
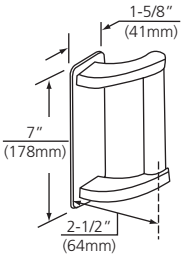
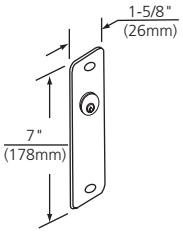
ED7200 RIM EXIT DEVICE



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Rim Trims and Functions

Rim Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7200	4	Exit Only	01	Exit only; no trim. (Accepts all trims listed below)
For Dummy and Nightlatch functions, see Trim Designs below.		Dummy	02	Always rigid.
		Nightlatch	03/04/09	Always rigid. Key removable only when locked.

Pull Trim Design			Trim/Function	Function Description
			Dummy ANSI No. 02	Nightlatch ANSI No. 03/04/09
	**D Grip Pull** **P4** Grip: Extruded Escutcheon: Wrought Cylinder: Rim		P450ET	P457ET
	**Pull** **P6** Grip: Wrought Escutcheon: Wrought Cylinder: Rim		P650ET	P657ET
	**Plate** **P7** Escutcheon: Wrought Cylinder: Rim		N/A	P757ET

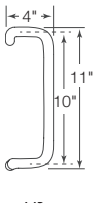
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Offset Pull Trims/Mullions

OFFSET PULL TRIM: P12, P13, P14*



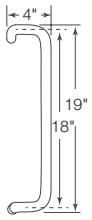
Offset Pull
P12
Clearance: 2-1/2"



Specify Part Number, 716F50M x Finish[1]



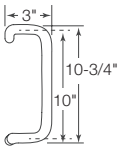
Offset Pull
P13
Clearance: 2-1/2"



Specify Part Number, 716F51M x Finish[1]



Offset Pull
P14
Clearance: 2-1/2"



Specify Part Number, 716F52M x Finish[1]

1. Available in 605, 606, 612, 613, 626, 629 and 630 finishes.
*Available on 1-3/4" thick doors only.

REMOVABLE MULLIONS

The CR900 series mullions are used to install two ED7200 Rim Exit Devices in a double door opening. They may be quickly and easily removed, then reinstalled, when a full double door opening is temporarily required. The CR900 series mullions meet ANSI A156.3, Type 22.

Materials and Finish

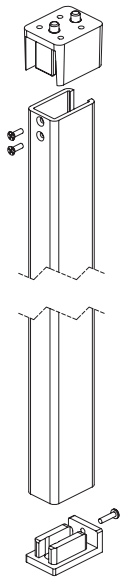
Steel mullion with malleable iron top and bottom plates; furnished with zinc plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting, BHMA 600, red.

How to Order

UL Fire Rating[1]	Mullion Opening Height	Catalog Number
3-Hour	Up to 8'	CR972A
Panic Only	Up to 8'	CR972
Panic Only	Up to 8'	CR908SM

1. UL label on mullion indicates listing.

CR900 Mullion



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Surface Vertical Rod Exit Features

ED7400 SURFACEVERTICAL ROD EXIT DEVICE

FEATURES

Handing
- Field reversible; specify hand.

Bar Length
- Easily field cut to size.
- Standard 36" (914mm) bar fits doors up to 36" (914mm).
- Optional 48" (1219mm) bar fits doors up to 48" (1219mm) doors; see How to Order page 20.

Door Thickness
- Standard: 1-3/4" (44mm).
- Optional: 2" (51mm) and 2-1/4" (57mm); see How to Order, page 20.

Backset
- 1-1/8" (26mm) minimum for 1/2" (13mm) stop
- 1-1/4" (32mm) minimum for 5/8" (16mm) stop.

Stile
- Minimum width 1-7/8" (47mm) for 1/2" (13mm) stop; 2" (51mm) for 5/8" (16mm) stop.

Door Height
- All top rods easily field cut to size.
- Standard; top rod for 7'6" door.
- Optional; top rod for doors up to 10'; see How to Order, page 20.

Projection
- 4-7/8" (124mm); 3-1/8" (79mm) depressed.

Latchbolts
- Top: 1/2" (13mm) throw pivoted.
- Bottom: 5/8" (16mm) throw pivoted. Bottom latch acts independently, allowing top latch to remain engaged even when bottom latch is not projected.

Vertical Rods
- Inverted U-shaped rectangular with concealed rod guides.

Materials
- Brass, bronze or stainless steel.

Cases
- Heavy cast.
- Active case: 8" x 1-1/4" (203mm) x (32mm).
- Inactive case: 7-1/2" x 1-1/4" (191mm) x (32mm).
- Top latch: 5-11/16" x 1-1/4" (144mm) x (32mm).
- Bottom latch: 5-5/8" x 1-1/4" (143mm) x (32mm).

Crossbar
- Standard: 13/16" x 1-3/8" (21mm) x (35mm) oval seamless tubing.
- Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 19.

Dogging
- Standard on ED7400 devices.
- Optional: less dogging; see How to Order, page 19.

Strikes
- See Options and Accessories, page 15.

Trims and Functions
- Through-bolted lever, pull and operator trims available; see Trims and Functions, page 10.

Cylinders
- Brass, 6-pin, L4 keyway, 0-bitted standard.
- Optional cylinders available; see How to Order, page 19.

Keys
- Two nickel silver standard.

Applications and Listings
- See page 3.

Warranty
- One-year limited.

CERTIFICATION/COMPLIANCE

ANSI
- Meets A156.3, Grade 1.
- Meets A117.1 Accessibility Code. ADA Compliant.

UL /ULC
- All exit devices listed for safety as panic hardware; devices comply with UL305 standards for panic hardware. UL symbol on active head indicates listing.

California State Reference Code (Formerly Title 19, California State Fire Marshal Standard)
- Levers with returns comply.

NFPA
- All exit devices comply with NFPA 101 Life Safety Code.

FINISHES

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed
613E	Dark Oxidized Satin Bronze - Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
626C	Satin Chrome Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C	Satin Stainless Steel with MicroShield®
BHMA 722	Black oxidized bronze, oil rubbed

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Surface Vertical Rod Exit Features

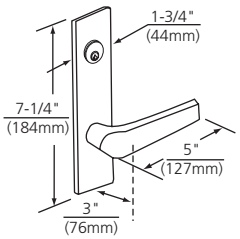
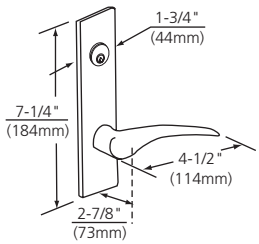
ED7400 SURFACE VERTICAL ROD EXIT DEVICE



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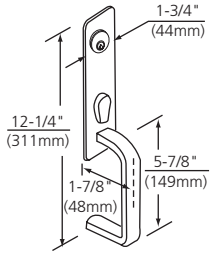
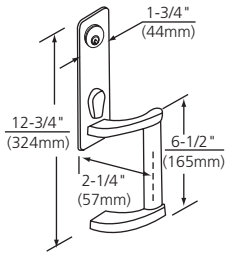
Surface Vertical Rod Trims and Functions

Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7400	5	Exit Only	01	Exit only; no trim. (Accepts operator trim.)
ED7401	5	Exit Only	01	Exit only; no trim. (Accepts lever trim. 1-3/4" door only.)
For Dummy and Nightlatch functions, see Trim Designs below.		Classroom	08/11	Free at all times, except when locked by key.
		Nightlatch	03/04/09/12	Always rigid. Key removable only when locked.

Lever Trim Design (Available with ED7401 devices only)			Trim/Function	
			Classroom ANSI No. 08	Nightlatch ANSI No. 03/04/09
	**Citation** **C4** Lever: Cast Escutcheon: Cast Cylinder: Mortise A02 MR Cylinder: 4266-001-A02 *1-3/4 thick door only		C455ET	C457ET
	**Dirke** **D4** Lever: Cast Escutcheon: Cast Cylinder: Mortise A02 MR Cylinder: 4266-001-A02 *1-3/4 thick door only		D455ET	D457ET

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Surface Vertical Rod Trims and Functions

Operator Trim Design (Available with ED7400 devices only)			Trim/Function	
			Classroom ANSI No. 11	Nightlatch ANSI No. 03/04/12
	**D Grip Operator** **03** Grip: Extruded Escutcheon: Cast Cylinder: Mortise A02 MR Cylinder: 4266-001-A02		0355ET	0357ET 0356*
	**Round Grip Operator** **04** Grip: Extruded Escutcheon: Cast Cylinder: Mortise A02 MR Cylinder: 4266-001-A02		0455ET	0457ET 0456*

*Key also used to hold top and bottom latchbolts in retracted position for ANSI No. 4 function.

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Concealed Vertical Rod Exit Features

ED7800 PANIC LISTED CONCEALED VERTICAL ROD EXIT DEVICE
ED7800A 3 HOUR FIRE RATED CONCEALED VERTICAL ROD EXIT DEVICE

For use with metal doors only

FEATURES

Handing
- Field reversible; specify hand.

Bar Length
- Easily field cut to size.
- Standard 36" (914mm) bar fits doors up to 36" (914mm).
- Optional 48" (1219mm) bar fits doors up to 48" (1219mm) doors; see How to Order page 20.

Door Thickness
- 1-3/4" (44mm) only (requires properly reinforced door).

Backset
- 1-3/8" (35mm) on single door with 5/8"(16mm) stop. 1" (25mm) on pair of doors.

Stile
- Minimum width: 2-1/8" (54mm) on single door; 1-3/4" (44mm) on pair of doors.

Door Height
- All top rods easily field cut to size. Standard on ED7800 devices; top rod for doors up to 8'6".
- Optional on ED7800 devices; top rod for doors up to 10'8"; see How to Order, page 20.
- Standard on ED7800A devices; top rod for 7'2" doors.

Projection
- 4-7/8" (124mm); 3-1/8" (79mm) depressed.

Latchbolts
- Top: 3/4" (19mm) throw pivoted and deadlocking.
- Bottom: 13/16" (21mm) throw rounded steel.

Vertical Rods
- Top: 3/8" (10mm) solid steel.
- Bottom: 1/2" (13mm) O.D. steel tubing.

Materials
- Brass, bronze or stainless steel.

Cases
- Heavy cast, 7-1/2" (191mm) x 1-1/4" (32mm).

Crossbar
- Standard: 13/16" (21mm) x 1-3/8" (35mm)oval seamless tubing.
- Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 19.

Dogging
- Standard on ED7800 devices.
- Optional: less dogging; see How to Order, page 19.
- Dogging not available on ED7800A devices.

Fasteners
- Standard on ED7800 devices: machine screws.
- Optional on ED7800 and ED7800A devices: spanner head screws; see How to Order, page 19.

Strike
- See Options and Accessories, page 16.

Trims and Functions
- Operator trim available with nightlatch function; see Trims and Functions, page 14.

Cylinders
- Brass, 6-pin, L4 keyway, 0-bitted standard.
- Optional cylinders available; see How to Order, page 19.

Keys
- Two nickel silver standard.

Applications and Listings
- See page 3.

Warranty
- One-year limited.

CERTIFICATION/COMPLIANCE

ANSI
- Meets A156.3, Grade 2.
- Meets A117.1 Accessibility Code. ADA Compliant.

UL / ULC
- All exit devices listed for safety as panic hardware; devices comply with UL305 standards for panic hardware.
- UL symbol on active head indicates listing.
- 3 hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 7'2" single and 8' x 7'2" double doors. UL symbol on active head indicates listing.
- Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire- rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

NFPA
- All exit devices comply with NFPA 101 Life Safety Code. Fire-rated devices comply with NFPA 80 Fire Doors and Windows.

FINISHES

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed
613E	Dark Oxidized Satin Bronze - Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
626C	Satin Chrome Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C	Satin Stainless Steel with MicroShield®
BHMA 722	Black oxidized bronze, oil rubbed

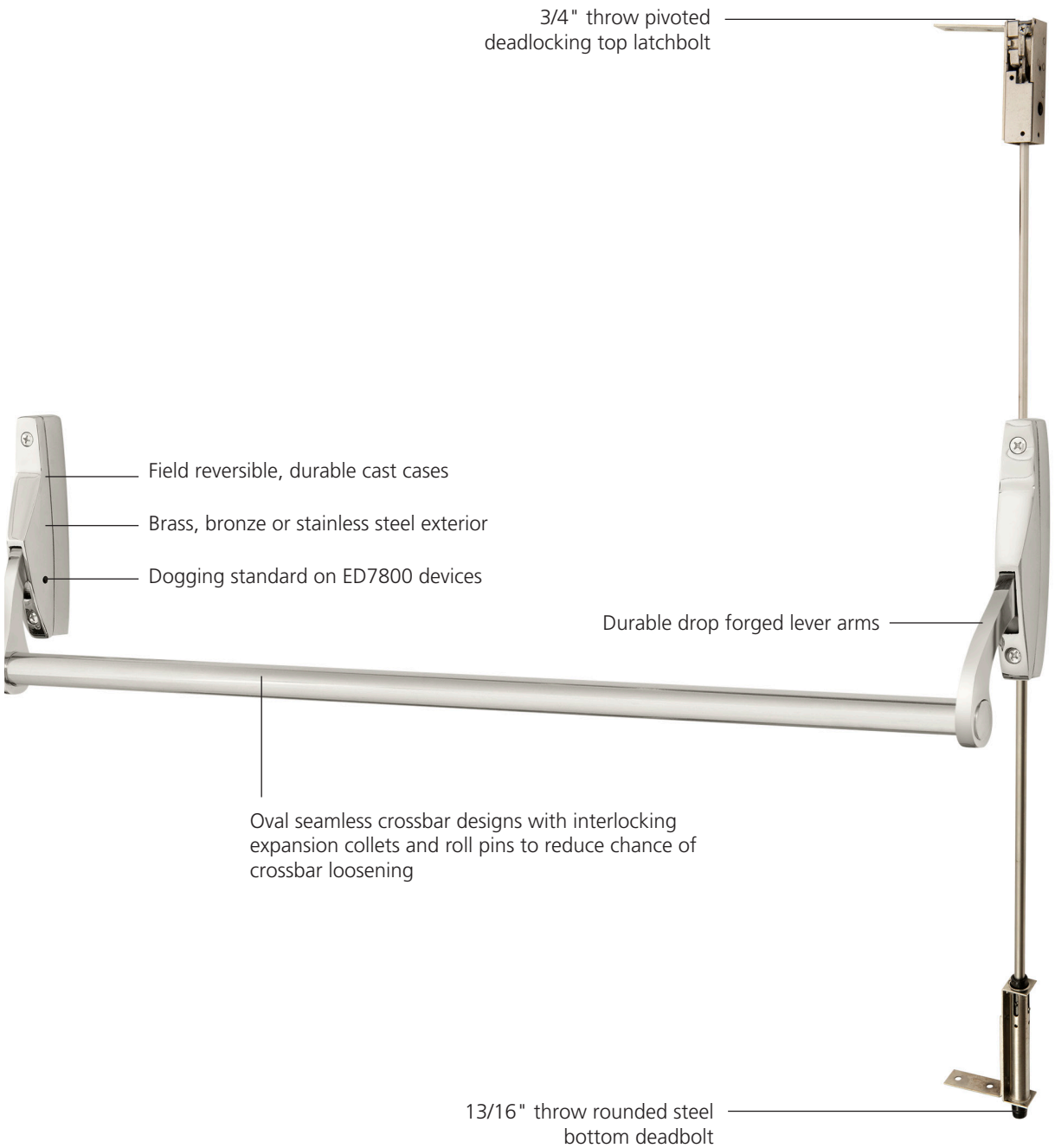
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Experience a safer and more open world

Concealed Vertical Rod Exit Features

ED7800 AND ED7800A CONCEALED VERTICAL ROD EXIT DEVICES

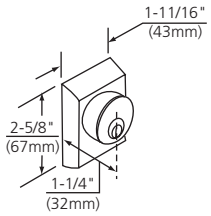
For use with metal doors only



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Concealed Vertical Rod Trim and Functions

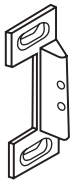
Concealed Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7800	6	Exit Only	01	Exit only; no trim. (Accepts 05 operator trim.)
ED7800A	6	Exit Only	01	3-hour fire-rated exit only; no trim. (Accepts 05 operator trim.)
For Nightlatch function, see Trim Design below.		Nightlatch	09	Always rigid. Key removable only when locked.

Operator Trim Design			Trim/Function
			Nightlatch ANSI No. 09
	**Operator 05** Escutcheon: Cast Cylinder: Special Mortise		0557ET

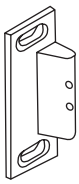
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Options and Accessories

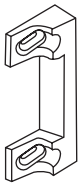
RIM STRIKES
(Screws included)



Open Rim Strike
Standard on ED7200 devices, 3-1/4" x 1-3/32" (83mm) x (28mm). Includes nylon anti-friction inserts for quieter operation. To order separately 145F56.



Rim Strike
Optional on ED7200 devices. Includes nylon anti-friction inserts for quieter operation. 3-1/4" x 1-1/16" (83mm) x (27mm), for doors with 5/8" (16mm) or 1/2" (12.7mm) stop. To order with exit device, specify option S07. To order separately, specify 145F55. To order with 1/8" (3mm) shim for door with 1/2" (12.7mm)stop, specify 145F55 x 184F82.

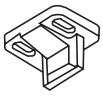


Rim Strike for Aluminum Frame with Blade Stop
Optional on ED7200 devices. Blade strike with wear plate. Includes nylon anti-friction inserts for quieter operation. To order with exit device, specify option S08. To order separately, specify 300F71 strike packet. Packet includes wear plate 213F05-7 and 1/8" (3mm) shim 184F82 for door with 1/2" (12.7mm) stop.

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Options and Accessories

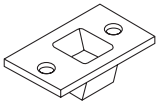
VERTICAL ROD STRIKES
(Screws included)



Top Strike
Standard on ED7400 devices. 1-1/2" x 1-3/16" (38mm) x (30mm) with 15/16" (24mm) projection. To order separately, specify 446F21.

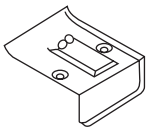


Bottom Strike
Standard on ED7400 devices. 2-1/4" x 1" (57mm) x (25mm) with 9/16" (14mm) projection. To order separately, specify packet 446F22.

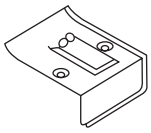


Flush Bottom Strike
Optional on ED7400 devices. To order with exit device, specify option S03. To order separately specify 361F91.

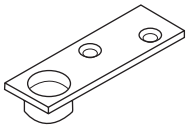
CONCEALED VERTICAL ROD STRIKES
(Screws included)



Top Strike
Standard on ED7800 devices. To order separately, specify 503F55.



3-Hour Fire-Rated Top Strike
Standard on ED7800A devices. To order separately, specify 503F56.



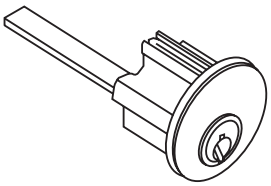
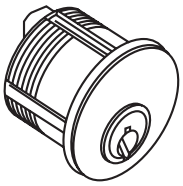
Bottom Strike
Standard on ED7800 and ED7800A devices. To order separately, specify; 503F52 for ED7800 devices; 503F53 for ED7800A devices (includes stainless steel screws).

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Options and Accessories

CYLINDERS

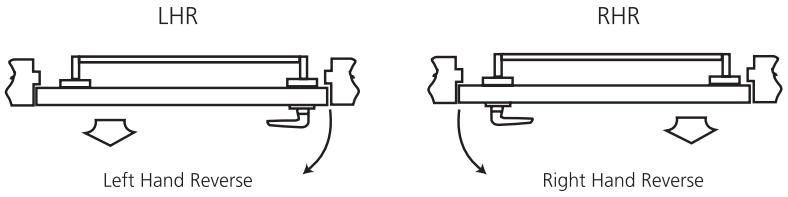
- L4 keyway standard; specify other keyways.
- Collar not included.
- To order with Exit Device, see How to Order, page 19.
- To order separately, specify Part No. x Keyway x Finish (e.g., 3000-200-7 x L4 x 605).

Cylinder Type	Part No.	Description
 Rim	CR3000-200	6-pin, horizontal tailpiece
	CR3000-200-7	7-pin, horizontal tailpiece
	CR3010-200	6-pin, horizontal tailpiece, high security
	CR3040-178	6-pin, SFIC less core
	CR3040-178-7	7-pin, SFIC less core
	CR3050-178	6-pin, SFIC
	CR3050-178-7	7-pin, SFIC
	CR3070-178	6-pin, LFIC less core
	CR3070-178-7	7-pin, LFIC less core
	CR3080-178	6-pin, LFIC
	CR3080-178-7	7-pin, LFIC
	CR3090-178	6-pin, high security IC
	CR3020-200	Pyramid High Security fixed core
	CR3027-200	Pyramid Security fixed core
	CR3030-178	Pyramid High Security IC
	CR3037-178	Pyramid Security IC
 Mortise	CR1000-118-A02	6-pin, 1-1/8" straight cam
	CR1000-CR114-A02-7	7-pin, 1-1/4" straight cam
	CR1010-118-A02	6-pin, 1-1/8" high security straight cam
	CR1070-114-A02	6-pin, 1-1/4" LFIC less core
	CR1080-114-A02	6-pin, 1-1/4" LFIC straight cam
	CR1090-114-A02	6-pin, 1-1/4" LFIC high security straight cam
	CR1000-118-A91	6-pin, 1-1/8" (for 02 and 03 trims only)
	CR1000-114-A91-7	7-pin, 1-1/4" (for 02 and 03 trims only)
	CR1000-138-A01	6-pin, 1-3/8"
	CR1000-138-A01-7	7-pin, 1-3/8"
	CR1010-138-A01	6-pin, 1-3/8" high security
	CR1040-114-A02	6-pin, 1-1/4", SFIC, straight cam, less core
	CR1040-138-A02	6-pin, 1-3/8", SFIC, less core
	CR1040-138-A02-7	7-pin, 1-3/8", SFIC, less core
	CR1050-114-A02	6-pin, 1-1/4", SFIC, straight cam
	CR1050-138-A02	6-pin, 1-3/8", SFIC
	CR1050-138-A02-7	7-pin, 1-3/8", SFIC
	CR1070-138-A01	6-pin, 1-3/8" LFIC less core
	CR1080-138-A01	6-pin, 1-3/8" LFIC
	CR1090-138-A01	6-pin, 1-3/8" LFIC high security
	CR1000-112-A02	6-pin, 1-1/2" straight cam (for B4M, C4M and E4M trims only)
	CR1000-112-A02-7	7-pin, 1-1/2" straight cam (for B4M, C4M and E4M trims only)
	CR1010-112-A02	6-pin, 1-1/2" high security straight cam (for B4M, C4M and E4M trims only)
	CR1080-112-A02	6-pin, 1-1/2" LFIC straight cam (for B4M, C4M and E4M trims only)
	CR1080-112-A02-7	7-pin, 1-1/2" LFIC straight cam (for B4M, C4M and E4M trims only)
	CR1090-112-A02	6-pin, 1-1/2" LFIC high security straight cam (for B4M, C4M and E4M trims only)
	CR1020-114-A02	Pyramid High Security fixed core
	CR1020-112-A02	Pyramid High Security fixed core
	CR1027-114-A02	Pyramid Security fixed core
	CR1027-112-A02	Pyramid Security fixed core
	CR1030-114-A02	Pyramid High Security IC
	CR1030-138-A02	Pyramid High Security IC
	CR1030-112-A02	Pyramid High Security IC
	CR1037-114-A02	Pyramid Security IC
	CR1037-138-A02	Pyramid Security IC
	CR1037-112-A02	Pyramid Security IC

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How to Order

ORDERING EXAMPLES



Rim Exit Device

Quantity	Exit Device	Finish	Finish	Misc. Options
36	ED7200	606	RHR	M51-M54

Removable Mullion

Quantity	Mullion
12	CR972A

Rim Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Optional Strike	Door Width	Misc. Options
23	ED7200	P457ET	630	LHR	D214	S08	W048	M53

Trim Only (For Rim Exit Device)

Quantity	Trim/Function	Finish	Hand
15	P657ET	630	LHR

Contract/Detailed Order - Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/ Function	Finish	Hand	Door Thickness	Door Width	Misc. Options	Optional Cylinder	Keying
32	AA1	ED7200	P457ET	625	LHR	D200	W048	M54	C6	VKC3

WHERE TO FIND ORDERING INFORMATION AND QUICK CODES

Trims and Functions
- Rim — Pages 4-7
- Surface Vertical Rod — Pages 8-11
- Concealed Vertical Rod — Pages 12-14

Removable Mullion — Page 18
Finish — Page 19
Cylinder and Keying — Page 19
Miscellaneous Options — Page 20
Handing — Page 20
Door Thickness — Page 20
Strike — Page 20
Door Width — Page 20
Door Height — Page 20

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How to Order

CYLINDER AND KEYING

Description	Specify
Conventional 6-pin	6P
Conventional 7-pin	7P
LFIC	
LFIC 6-pin[3]	C6
LFIC 6-pin, Less Core[3]	CL6
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 6-pin with Temporary Disposable Core	CT6D
LFIC 7-pin	C7
LFIC 7-pin, Less Core	CL7
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
LFIC 7-pin with Temporary Disposable Core	CT7D
SFIC	
SFIC 6-pin	C6S
SFIC 6-pin with Temporary Construction Core (Blue)	CT6SB
SFIC 6-pin Less Core	CLS6
SFIC 6-pin with SFIC Disposable Temporary Core	CT6SD
SFIC 7-pin	C7S
SFIC 7-pin with Temporary Construction Core (Blue)	CT7SB
SFIC 7-pin, Less Core	CLS7
SFIC 7-pin with SFIC Disposable Temporary Core	CT7SD
Security	
Security	HS
Security LFIC	CHS
Access 3®	
Access 3® - Patented	AP
Access 3® - Security	AS
Access 3® - High Security	AHS
Access 3® LFIC - Patented	ACP
Access 3® LFIC - Security	ACS
Access 3® LFIC- High Security	ACHS
Pyramid	
Pyramid Security Fixed Core	PS
Pyramid Security LFIC	PCS
Pyramid High Security Fixed Core	PHS
Pyramid High Security LFIC	PCHS
Pyramid LFIC with Temporary Construction Core	CTP
Pyramid LFIC with Temporary Disposable Core	CTPD
Pyramid LFIC Less Core	CLP
Keying and Keys	
0-bitted with 2 blank keys	(standard)
Keyed Random	KR
Construction Master Keyed	CMK
Other	
Master Ring	MR

CYLINDERS AND KEYING (CONT.)

Description	Specify
Keying and Keys	
0-bitted with 2 blank keys	0Bit (standard)
Keyed Random	KR
Construction Master Keyed (not available for Pyramid)	CMK
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)
Visual key control (VKC)	
No bitting or keyset stamping on keys or cylinder	VKC0
Keys only	VKC1
Cylinders and keys (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
CKC cylinders with VKC keys	CKC2
CKC cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	CKC3

FINISH

Description		Specify
US3	Bright Brass	605
US4	Satin Brass	606
US9	Bright Bronze	611
US10	Satin Bronze	612
US10B	Dark Oxidized Satin Bronze, oil rubbed	613
US14	Bright Nickel Plated	618
US15	Satin Nickel Plated	619
US26	Bright Chromium Plated	625
US26D	Satin Chromium Plated	626
—	Satin Chrome Plated with MicroShield®	626C
US32	Bright Stainless Steel	629
US32D	Satin Stainless Steel	630
—	Satin Stainless Steel with MicroShield®	630C
—	Black oxidized bronze, oil rubbed	722

LOCK/CYLINDER FINISH

Lock	Cylinder/ Core*
605,606,611,612,613,722	606
618,619,625,626,626C,629,630,630C,WSP	626
BSP	BSP

*Finish when cylinder provided with lock

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How to Order

MISCELLANEOUS OPTIONS

Description	Specify
Spanner head screws	M02
ANSI wrought strike box	M17
Knurling outside and inside (trim and device; not available with M50)	M20*
Knurling outside only (trim side)	M21*
Knurling inside only (device side; not available with M50)	M22*
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Stainless steel crossbar (not available with M20 or M22)	M50
Less dogging	M51
Steel reinforced crossbar	M53
Sex nuts and bolts (SNBs) (Not available with ED7800(A) devices)	M54
Shim for 2-3/4" backset on doors with 1/2" stop (rim devices only)	M59
Less latch hold-back (ED7200 devices only)	M66

*All levers provided in a powder coat finish will be supplied with an abrasive coating

STRIKES

Description	Specify
Rim	
Open rim (ED7200 devices)	(standard)
Rim	S07
For aluminum frame with blade stop	S08
Mortised adjustable	S04
Vertical Rod	
Top (ED7400 devices)	(standard)
Surface projecting bottom (ED7400 devices)	(standard)
Flush bottom (ED7400 devices only)	S03
Concealed vertical rod	
Top (ED7800 devices)	(standard)
3-hour fire-rated top (ED7800A devices)	(standard)
Bottom (ED7800 and ED7800A devices)	(standard)
Mortise	
ANSI strike	(standard)
Open back	
1-3/4" door thickness	SB134
2" door thickness	SB200
2-1/4" door thickness	SB214

DOOR WIDTH

Door Width	Specify
36"	(standard)
48"	W048

DOOR HEIGHT

Door Height	Specify
7'6" (ED7400 devices)	(standard)
7'2" (ED7400A and ED7800A devices)	(standard)
10'0" (ED7400 devices only)	H1000
10'8" (ED7800 devices only)	H1008

HANDING

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

DOOR THICKNESS

Door Thickness	Specify
1-3/4"	(standard)
2" (except ED7401 x lever trim and ED7800)	D200
2-1/4" (except ED7401 x lever trim and ED7800)	D214

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Helpful Terms

Abrasive Coat
Hard granular material applied to a knob or lever to provide a non-slip tactile surface for the visually impaired.

Active Door
In a pair of doors, the door that is operable from the trim side.

Astragal
A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator
A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch
A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging
A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull. It cannot be used on fire-rated exit devices.

Double Egress
A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim
Trim only, without a lock. Usually used on the inactive door of a pair of doors.

Exit Device (Panic Hardware)
A door locking device with a pushbar or crossbar which, when pressed, allows instant exit (egress)

Hand
The direction a door swings.

Inactive Door
In a pair of doors, the door that is inoperable from the trim side.

Latchbolt
A lock component that has a beveled end and projects into a strike, holding a door in a closed position.

Mullion
A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Narrow Stile Door
Usually a door having a stile of less than 2-3/4" wide, commonly seen on aluminum or glass front applications.

Open Back Strike
For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible
Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit
Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) molding.

Split Astragal
An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold
A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim
A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device
An exit device that may be used on doors of either hand without any modifications.

KEYING AND CYLINDER TERMS

Concealed Key Control (CKC)
The marking of standard key symbols on a cylinder in a location that is not visible once the cylinder is installed.

Construction Master Keying (CMK)
A cylinder preparation that allows temporary access by construction personnel.

Control Key
A key used to remove and install interchangeable cores.

Cylinder
A lock component containing the combination that determines which keys will operate.

Flex Head Cylinder
A cylinder with built-in adjustment for minor variations in door and trim thickness.

High Security Cylinder
A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)
A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol
A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway
The opening in a cylinder plug through which the key enters.

Master Keying
Preparation of a cylinder to operate with keys of different levels of access.

Master Ring Cylinder
A cylinder which offers a wider range of keying.

Visual Key Control (VKC)
The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

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How to Specify

SUGGESTED SPECIFICATION

All exit devices shall be ED7000 Series Narrow Stile Crossbar Exit Devices as manufactured by Corbin Russwin Architectural Hardware, Berlin, Connecticut, USA.

The maximum exit device projection shall be 4" (102mm) and 2-3/4" (70mm) when crossbar is depressed. Exit devices shall have matched twin cases mounted with concealed fastening screws, and shall be constructed of brass, bronze or stainless steel. Non-matched twin cases shall not be acceptable. Crossbar lever arms shall be drop forged. Devices shall be field reversible.

Crossbars must have a minimum wall thickness of .062" or be reinforced. Reinforced crossbars and stainless steel crossbars shall be available. All exit devices shall be easily field sized to accommodate various door widths.

Panic listed exit devices shall have dogging standard. Dogging screws shall seat into heat-treated pivots for long life and minimum wear. Panic listed devices shall be available less dogging.

All devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware. Fire-rated devices shall be UL listed for A label and lesser class doors, 4' x 7'2" single and 8' x 7'2" pair.

All exit devices shall have ample allowances for easy alignment.

Trims shall be through-bolted with concealed fasteners. Escutcheon, rose and pull trims shall be constructed of brass, bronze or stainless steel. All lever trims shall use cast levers. Wrought levers shall not be acceptable. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

All devices and trim shall be furnished in architectural finishes and shall match the trims and finishes on corresponding locksets.

Certification:
Federal Specification FF-H-1820
ANSI A156.3 Grade 1
ANSI A156.3 Grade 2 (ED7800 Series)
ADA Compliant

All devices, trims, and cylinders shall be from one manufacturer.

All devices and trims shall carry a one-year limited warranty.

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The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.

Corbin Russwin

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For additional information, contact your ASSA ABLOY Door Security Solutions sales consultant or visit **www.corbinrusswin.com.**

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ASSA ABLOY Group companies offer MicroShield®, an antimicrobial coating for door hardware MicroShield uses proven silver ion-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes.

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agion
Nature's antimicrobial

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