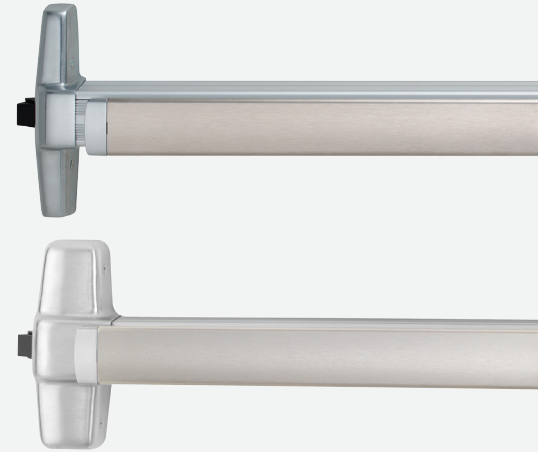


Fortified Exit Rim Devices

33A/35A & 98/99 Series



Overview

The Von Duprin® 33A/35A and 98/99 series offers Fortified exit rim (FER) devices for use in applications desiring a fortified device and in systems undergoing ASTM F3561-22 testing. The FER device has design enhancements to add extra reinforcement, including a cast steel center case (33A/35A) and formed steel (98/99) chassis.

ASTM F3561-22 is a standard test method designed to evaluate the forced-entry resistance of building components like windows, doors, and modular panels after a simulated active shooter attack. Intended for use in commercial, residential, educational, governmental, and other institutional settings, this test assesses the ability of these assemblies to resist creating an opening large enough for passage. The method involves simulating an active shooter weakening the system with repetitive shots followed by mechanical impacts. It is a laboratory test that does not rate ballistic resistance. Systems are tested as complete units.

To review an up-to-date list of assemblies that have undergone ASTM F3561-22 testing with the 33A/35A and 98/99 FER device and the system level test results, please ask your entrance system manufacturer for an Intertek or UL listing or test report.

Note: Selecting this device restricts the configuration options available. Please see compatibility information on next page.

Features & Benefits

- The FER option was designed to be used as a part of systems being tested to the ASTM F3561-22 standard.
- The Von Duprin 33A/35A and 98/99 devices with the FER option are designed to withstand forced-entry attempts, providing robust protection for commercial, residential, educational, and institutional settings.
- Featuring center cases with cast/formed steel chassis, the FER option offers superior strength and durability, enhancing the overall security of your building components.
- Trims with armor plates are used with exit only (EO) devices providing center case protection.
- The FER option is ideal for double doors with mullion, providing a tested and reliable security solution.
- The larger main link and internal latch return spring located inside the center case add extra reinforcement, ensuring that the latch remains engaged during an attempted forced entry.

Compatability with FER

FER (Fortified Exit Rim) Devices		
Series	33A/35A narrow stile	98/99 wide stile
Device type	Rim	Rim
Mullions for ASTM F3561	4954-FER	KR9954
Functions	EO (with 388-FER trim plate) NLOP (388 trim)	EO (with 996-FER trim plate) L-NL (996-L-NL trim)

FER Options		
Prefix	FER - Fortified exit ALK - Alarm kit CD - Cylinder dogging CDSI - Cylinder dogging security indicator RX - Request to exit RX-LC - Request to exit low current RX2 - Double request to exit	ESL - Emergency secure lockdown HD - Hex dogging HDSI - Hex dogging security indicator LD - Less dogging QEL - Quiet electric latch retraction HD-QEL - Quiet electric latch retration with hex dogging
Suffix	CON - Connectors WH - Weep holes	
Finishes	605 - Bright brass 606 - Satin brass 612 - Satin bronze 619 - Satin nickel 622/711 - Matte black/matte black, anodized 625 - Bright chrome 626 - Satin chrome	626AM - Satin chrome, antimicrobial 628 - Aluminum, anodized 630 - Satin stainless (98/99 only) 630AM - Satic stainless, antimicrobial (98/99 only) 643e - Aged bronze 693 - Black paint 710 - Dark brown, anodized
Door width	3'- 3 foot device 4'- 4 foot device	
Handing	LHR - Left hand reverse RHR - Right hand reverse	
Touchbar options	PUSH - Touchbar trim embossed 'PUSH' RSS - Red silk-screened lettered touchbar trim SG - Safety glow	

Nomenclature - How to Order

Example Part Number

Prefix			Device series/type		Trim/ rating		Suffix finish		Door width	Handing	Less bottom rod/cable	Trim options/ finish	Optional strike/finish	Accessories	Other information
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
FER	98		EO		WH	626	3'	RHR		996-L-NL-626	499 F-626		HM		

See price book for specific configuration options.

The 33A/35A Series with FER is currently available. The 98/99 Series with FER is coming soon. Contact Von Duprin customer care for more information.