

# Concealed Vertical Rod (CVR) And Concealed Vertical Cable (CVC) Device Requirements

HARDWARE MODEL	DOOR TYPE	20 MIN. NP				20 MIN. CAT B				20 MIN. CAT A			
		STILE DRAWING	RAILS	EDGE	SIZE	STILE DRAWING	RAILS	EDGE	SIZE	STILE DRAWING	RAILS	EDGE	SIZE
ADAMS RITE 3900	SINGLE	20 ACVR	2.5	CIPP	4' X 9'		2.5	CIPP	4' X 9'	20 ACVR	2.5	CIPP	4' X 9'
	Std pair	20 ACVR	2.5	CIPP	8' X 9'		2.5	CIPP	8' X 9'	20 ACVR	2.5	CIPP	8' X 9'
	D/E pair												
CAL-ROYAL WD7700 - WD9800 FULL AND TRO	SINGLE	20 SARG86-CAL-LM92	2.5	FAI	4' X 8'		2.5	FAI	4' X 8'				
	Std pair	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'		2.5	FAI	8' X 8'				
	D/E pair												
ALT	SINGLE	20 SARG86-CAL-LM92	2.5	AMS 273	4' X 8'	20 SARG86-CAL-LM92	2.5	AMS 273 & FAI	4' X 8'				
	Std pair	20 SARG86-CAL-LM92	2.5	AMS 273	8' X 8'	20 SARG86-CAL-LM92	2.5	AMS 273 & FAI	8' X 8'				
	D/E pair	20 SARG86-CAL-LM92	2.5	AMS 273	8' X 8'	20 SARG86-CAL-LM92	2.5	AMS 273 & FAI	8' X 8'				
Corbin Russwin ED5800 FULL AND TRO	SINGLE	20 CYCVR	2.5	AMS 261	4' X 9'3"	20 CYCVR	2.5	FAI	4' X 9'				
	Std pair	20 CYCVR	2.5	AMS 261	8' X 9'3"	20 CYCVR	2.5	FAI	8' X 9'				
	D/E pair	20 CYCVR	2.5	AMS 261	8' X 9'3"	20 CYCVR	2.5	FAI	8' X 8'				
ALT	SINGLE					20 CYCVR	2.5	AMS 261 & FAI	4' X 9'3"				
	Std pair					20 CYCVR	2.5	AMS 261 & FAI	8' X 9'3"				
	D/E pair					20 CYCVR	2.5	AMS 261 & FAI	8' X 9'				
DORMA 9100 & 9600 STD 2-3/4 BS FULL AND TRO	SINGLE	20 DORMA CVR	2.5	AMS 264	4' X 9'3"	20 DORMA CVR	2.5	FAI	4' X 9'				
	Std pair	20 DORMA CVR	2.5	AMS 264	8' X 9'3"	20 DORMA CVR	2.5	FAI	8' X 9'				
	D/E pair	20 DORMA CVR	2.5	AMS 264	8' X 9'3"	20 DORMA CVR	2.5	FAI	8' X 8'				
ALT	SINGLE					20 DORMA CVR	2.5	AMS 264 & FAI	4' X 9'3"				
	Std pair					20 DORMA CVR	2.5	AMS 264 & FAI	8' X 9'3"				
	D/E pair					20 DORMA CVR	2.5	AMS 264 & FAI	8' X 9'3"				
FALCON (MONARCH) F-25-C, F-18-C F-XX-C, F-24-C, F-17-C FULL AND TRO	SINGLE	20 MCVR	2.5	AMS 258	4' X 9'3"	20 MCVR	2.5	AMS 258 & FAI	4' X 9'3"				
	Std pair	20 MCVR	2.5	AMS 258	8' X 9'3"	20 MCVR	2.5	AMS 258 & FAI	8' X 9'3"				
	D/E pair	20 MCVR	2.5	AMS 258	8' X 9'3"	20 MCVR	2.5	AMS 258 & FAI	8' X 9'3"				
PRECISION FL2700 FULL AND TRO	SINGLE	20 VD CVR	2.5	AMS 265	4' X 9'3"	20 VD CVR	2.5	FAI	4' X 9'				
	Std pair	20 VD CVR	2.5	AMS 265	8' X 9'3"	20 VD CVR	2.5	FAI	8' X 9'				
	D/E pair	20 VD CVR	2.5	AMS 265	8' X 9'3"	20 VD CVR	2.5	FAI	8' X 8'				
ALT	SINGLE					20 VD CVR	2.5	AMS 265 & FAI	4' X 9'3"				
	Std pair					20 VD CVR	2.5	AMS 265 & FAI	8' X 9'3"				
	D/E pair					20 VD CVR	2.5	AMS 265 & FAI	8' X 9'3"				
SARGENT WD8600, WPPP/PR8600 NBWD860 FULL AND TRO	SINGLE	20 SARG86-CAL-LM92	2.5	FAI	4' X 9'	20 SARG86-CAL-LM92	2.5	FAI	4' X 9'				
	Std pair	20 SARG86-CAL-LM92	2.5	FAI	8' X 9'	20 SARG86-CAL-LM92	2.5	FAI	8' X 9'				
	D/E pair	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'				
ALT	SINGLE	20 SARG86-CAL-LM92	2.5	AMS 255	4' X 9'3"	20 SARG86-CAL-LM92	2.5	AMS 255 & FAI	4' X 9'3"				
	Std pair	20 SARG86-CAL-LM92	2.5	AMS 255	8' X 9'3"	20 SARG86-CAL-LM92	2.5	AMS 255 & FAI	8' X 9'3"				
	D/E pair	20 SARG86-CAL-LM92	2.5	AMS 255	8' X 9'3"	20 SARG86-CAL-LM92	2.5	AMS 255 & FAI	8' X 9'3"				
SARGENT WD7000 NBWD7000 FULL AND TRO	SINGLE	20 SARG7000	2.5	FAI	4' X 9'	20 VD CVR	2.5	FAI	4' X 9'				
	Std pair	20 SARG7000	2.5	FAI	8' X 9'	20 VD CVR	2.5	FAI	8' X 9'				
	D/E pair	20 SARG7000	2.5	FAI	8' X 8'	20 VD CVR	2.5	FAI	8' X 8'				
ALT	SINGLE	20 SARG7000	2.5	AMS 268	4' X 9'3"	20 VD CVR	2.5	AMS 268 & FAI	4' X 9'3"				
	Std pair	20 SARG7000	2.5	AMS 268	8' X 9'3"	20 VD CVR	2.5	AMS 268 & FAI	8' X 9'3"				
	D/E pair	20 SARG7000	2.5	AMS 268	8' X 9'3"	20 VD CVR	2.5	AMS 268 & FAI	8' X 9'3"				
SCHLAGE LM9200 FULL	SINGLE	20 SARG86-CAL-LM92	2.5	FAI	4' X 8'	20 SARG86-CAL-LM92	2.5	FAI	4' X 8'				
	Std pair	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'				
	D/E pair	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'	20 SARG86-CAL-LM92	2.5	FAI	8' X 8'				
SCHLAGE LM9200 TRO	SINGLE	20 LM9200-LBL (TRO)	2.5	FAI	4' X 8'	20 LM9200-LBL (TRO)	2.5	FAI	4' X 8'				
	Std pair	20 LM9200-LBL (TRO)	2.5	FAI	8' X 8'	20 LM9200-LBL (TRO)	2.5	FAI	8' X 8'				
	D/E pair	20 LM9200-LBL (TRO)	2.5	FAI	8' X 8'	20 LM9200-LBL (TRO)	2.5	FAI	8' X 8'				
VON DUPRIN * 98/9947 FULL AND TRO	SINGLE	20 VD CVR	2.5	FAI	4' X 9'	20 VD CVR	2.5	FAI	4' X 8'				
	Std pair	20 VD CVR	2.5	FAI	8' X 9'	20 VD CVR	2.5	FAI	8' X 8'				
	D/E pair	20 VD CVR	2.5	FAI	8' X 8'	20 VD CVR	2.5	FAI	8' X 8'				
ALT	SINGLE	20 VD CVR	2.5	AMS 251	4' X 9'3"	20 VD CVR	2.5	AMS 251 & FAI	4' X 9'3"				
	Std pair	20 VD CVR	2.5	AMS 251	8' X 9'3"	20 VD CVR	2.5	AMS 251 & FAI	8' X 9'3"				
	D/E pair	20 VD CVR	2.5	AMS 251	8' X 9'3"	20 VD CVR	2.5	AMS 251 & FAI	8' X 9'3"				
VON DUPRIN 33/3547A FULL AND TRO	SINGLE	20 VD CVR	2.5	FAI	4' X 9'	20 VD CVR	2.5	FAI	4' X 8'				
	Std pair	20 VD CVR	2.5	FAI	8' X 9'	20 VD CVR	2.5	FAI	8' X 8'				
	D/E pair	20 VD CVR	2.5	FAI	8' X 8'	20 VD CVR	2.5	FAI	8' X 8'				
ALT	SINGLE	20 VD CVR	2.5	AMS 253	4' X 9'3"	20 VD CVR	2.5	AMS 253 & FAI	4' X 9'3"				
	Std pair	20 VD CVR	2.5	AMS 253	8' X 9'3"	20 VD CVR	2.5	AMS 253 & FAI	8' X 9'3"				
	D/E pair	20 VD CVR	2.5	AMS 253	8' X 9'3"	20 VD CVR	2.5	AMS 253 & FAI	8' X 9'3"				
VON DUPRIN 5547	SINGLE	20 VD CVR	2.5	AMS 252	4' X 9'3"	20 VD CVR	2.5	AMS 252 & FAI	4' X 9'3"				
	Std pair	20 VD CVR	2.5	AMS 252	8' X 9'3"	20 VD CVR	2.5	AMS 252 & FAI	8' X 9'3"				
	D/E pair	20 VD CVR	2.5	AMS 252	8' X 9'3"	20 VD CVR	2.5	AMS 252 & FAI	8' X 9'3"				
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	20 VD CVC33-9950	2.5	FAI	4' X 8'	20 VD CVC33-9950	2.5	FAI	4' X 8'				
	Std pair	20 VD CVC33-9950	2.5	FAI	8' X 8'	20 VD CVC33-9950	2.5	FAI	8' X 8'				
	D/E pair												
VON DUPRIN 98/9950 & 33/3550A TRO	SINGLE	20 VD CVC33-9950 LBL(TRO)	2.5	FAI	4' X 8'	20 VD CVC33-9950 LBL(TRO)	2.5	FAI	4' X 8'				
	Std pair	20 VD CVC33-9950 LBL(TRO)	2.5	FAI	8' X 8'	20 VD CVC33-9950 LBL(TRO)	2.5	FAI	8' X 8'				
	D/E pair												

Note: CIPP CONCEALED INTUMESCENT FAI FIELD APPLIED INTUMESCENT (HSS2000) AMS XXX All Metal Stamping 5" metal wrap Model# \* Installed intumescent in CVR access Pocket

# Concealed Vertical Rod (CVR) And Concealed Vertical Cable (CVC) Device Requirements



HARDWARE MODEL	DOOR TYPE	45 MIN. NP					45 MIN. CAT B					45 MIN. CAT A				
		STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE
ADAMS RITE 3900	SINGLE	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	4' X 8'		2.5	CIPP	NO	4' X 8'	20 ACVR	2.5	CIPP	NO	4' X 8'
	Std pair D/E pair	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	8' X 8'		2.5	CIPP	NO	8' X 8'	20 ACVR	2.5	CIPP	NO	8' X 8'
CAL-ROYAL WD7700 - WD9800 FULL AND TRO	SINGLE	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	4' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	4' X 8'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	4' X 8'
	Std pair	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	8' X 8'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	8' X 8'
	D/E pair	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	8' X 8'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	8' X 8'
Corbin Russwin ED5800 FULL AND TRO	SINGLE	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	4' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	4' X 9'					
	Std pair	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	8' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	8' X 9'					
	D/E pair	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	8' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	8' X 9'					
DORMA 9100 & 9600 STD 2-3/4 BS FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	4' X 9'					
	Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	8' X 9'					
	D/E pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	8' X 9'					
FALCON (MONARCH) F-25-C, F-18-C F-XX-C, F-24-C, F-17-C FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	4' X 9'					
	Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	8' X 9'					
	D/E pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	8' X 9'					
PRECISION FL2700 FULL AND TRO	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	4' X 9'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	8' X 9'					
	D/E pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	8' X 9'					
SARGENT WD8600, WDPP/PR8600 NBWD860 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD86 W	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 W	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 W	3.625 TECT	CIPP	YES	8' X 8'
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	4' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	4' X 9'					
	Std pair	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	8' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	8' X 9'					
	D/E pair	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	8' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	8' X 9'					
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 W	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 W	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 W	3.625 TECT	CIPP	YES	8' X 8'
SCHLAGE LM9200 FULL	SINGLE	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268	NO	4' X 9'	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268 & FAI	NO	4' X 9'					
	Std pair	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268	NO	8' X 9'	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268 & FAI	NO	8' X 9'					
	D/E pair	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268	NO	8' X 9'	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268 & FAI	NO	8' X 9'					
VON DUPRIN * 98/9947 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	4' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	4' X 8'	SAR WD86 W	3.625 TECT	CIPP	NO	4' X 8'
	Std pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	8' X 8'	SAR WD86 W	3.625 TECT	CIPP	NO	8' X 8'
	D/E pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	NO	8' X 8'	SAR WD86 W	3.625 TECT	CIPP	NO	8' X 8'
VON DUPRIN 33/3547A FULL AND TRO ALT	SINGLE	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-	3.625 TECT	CIPP	YES	8' X 8'
VON DUPRIN 5547	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	4' X 9'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	8' X 9'					
	D/E pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	8' X 9'					
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	4' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	4' X 8'	VD 33-35 98-	3.625 TECT	FAI	NO	4' X 8'
	Std pair	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	8' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	8' X 8'	VD 33-35 98-	3.625 TECT	FAI	NO	8' X 8'
	D/E pair	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	8' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	FAI	NO	8' X 8'	VD 33-35 98-	3.625 TECT	FAI	NO	8' X 8'

Note: CIPP CONCEALED INTUMESCENT FAI FIELD APPLIED INTUMESCENT (HSS2000) AMS XXX All Metal Stamping 5" metal wrap Model# \* Installed intumescent in CVR access Pocket

# Concealed Vertical Rod (CVR) And Concealed Vertical Cable (CVC) Device Requirements

HARDWARE MODEL	DOOR TYPE	60 MIN. NP					60 MIN. CAT B					60 MIN. CAT A									
		STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE					
ADAMS RITE 3900	SINGLE	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	4' X 8'	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	4' X 8'	ADAMS RITE	3.625 TECT	CIPP	NO	4' X 8'					
	Std pair	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	8' X 8'	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	8' X 8'	ADAMS RITE	3.625 TECT	CIPP	NO	8' X 8'					
CAL-ROYAL WD7700 - WD9800 FULL AND TRO	SINGLE	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	4' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	4' X 8'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	4' X 8'					
	Std pair	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	8' X 8'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	8' X 8'					
Corbin Russwin ED5800 FULL AND TRO	SINGLE	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	4' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	4' X 9'	CAL-ROYAL W	3.625 TECT	MS 273 & CI	YES	8' X 8'					
	Std pair	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	8' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	8' X 9'										
DORMA 9100 & 9600 STD 2-3/4 BS FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	4' X 9'										
Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	8' X 9'											
FALCON (MONARCH) F-25-C, F-18-C F-XX-C, F-24-C, F-17-C FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	4' X 9'										
Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	8' X 9'											
PRECISION FL2700 FULL AND TRO	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	4' X 9'										
Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	8' X 9'											
SARGENT WD8600, WDPP/PR8600 NBWD860 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'						SAR WD86 W	3.625 TECT	CIPP	YES	4' X 8'
Std pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 W						3.625 TECT	CIPP	YES	8' X 8'	
D/E pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 W	3.625 TECT	CIPP	YES	8' X 8'						
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	4' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	4' X 9'	SAR WD70 W	3.625 TECT	CIPP	YES	4' X 8'					
	Std pair	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	8' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	8' X 9'										
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 W	3.625 TECT	CIPP	YES	4' X 8'					
	Std pair	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 W	3.625 TECT	CIPP	YES	8' X 8'					
SCHLAGE LM9200 FULL	SINGLE	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268	NO	4' X 9'	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268 & FAI	NO	4' X 9'	SAR WD70 W	3.625 TECT	CIPP	YES	8' X 8'					
	Std pair	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268	NO	8' X 9'	SAR WD70 WDNB70 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 268 & FAI	NO	8' X 9'										
VON DUPRIN * 98/9947 FULL AND TRO ALT	SINGLE	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-	3.625 TECT	CIPP	YES	4' X 8'					
	Std pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-	3.625 TECT	CIPP	YES	8' X 8'					
VON DUPRIN 33/3547A FULL AND TRO ALT	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	4' X 9'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	4' X 8'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	8' X 9'										
VON DUPRIN 5547	SINGLE	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 267 & FAI	YES	4' X 8'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	8' X 8'					
	Std pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 267 & FAI	YES	8' X 8'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	8' X 8'					
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253 & FAI	NO	4' X 9'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	8' X 8'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253 & FAI	NO	8' X 9'										
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 252	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 252 & FAI	NO	4' X 9'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	8' X 8'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 252	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 252 & FAI	NO	8' X 9'										
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	4' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	4' X 8'	VD 33-35 98-	3.625 TECT	CIPP	MS 267 & CI	8' X 8'					
	Std pair	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	8' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	8' X 8'										

Note: CIPP CONCEALED INTUMESCENT FAI FIELD APPLIED INTUMESCENT (HSS2000) AMS XXX All Metal Stamping 5" metal wrap Model# \* Installed intumescent in CVR access Pocket

# Concealed Vertical Rod (CVR) And Concealed Vertical Cable (CVC) Device Requirements



HARDWARE MODEL	DOOR TYPE	90 MIN. NP					90 MIN. CAT B					90 MIN. CAT A				
		STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE	STILE DRAWING	RAILS	EDGE	TOP LATCH METAL SHIM	SIZE
ADAMS RITE 3900	SINGLE	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	4' X 8'	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	4' X 8'	ADAMS RITE 3900CATACVR 45-90	3.625 TECT	CIPP	NO	4' X 8'
	Std pair	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	8' X 8'	ADAMS RITE 3900 CAT A CVR 45-90	3.625 TECT	CIPP	NO	8' X 8'	ADAMS RITE 3900CATACVR 45-90	3.625 TECT	CIPP	NO	8' X 8'
	D/E pair															
CAL-ROYAL WD7700 - WD9800 FULL AND TRO	SINGLE	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	4' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	4' X 8'	CAL-ROYAL WCVR98 77 NP CAT A CVR 45-90	3.625 TECT	AMS 273 & CIPP	YES	4' X 8'
	Std pair	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT A CVR 45-90	3.625 TECT	AMS 273 & CIPP	YES	8' X 8'
	D/E pair	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT B CVR 45-90	3.625 TECT	AMS 273 & FAI	YES	8' X 8'	CAL-ROYAL WCVR98 77 NP CAT A CVR 45-90	3.625 TECT	AMS 273 & CIPP	YES	8' X 8'
Corbin Russwin ED5800 FULL AND TRO	SINGLE	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	4' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	4' X 9'					
	Std pair	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	8' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	8' X 9'					
	D/E pair	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261	NO	8' X 9'	CORBIN-YALE ED5860-21-61-7160 NP CAT B CVR 45-90	3.625 TECT	AMS 261 & FAI	NO	8' X 9'					
DORMA 9100 & 9600 STD 2-3/4 BS FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	4' X 9'					
	Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	8' X 9'					
	D/E pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 264 & FAI	NO	8' X 9'					
FALCON (MONARCH) F-25-C, F-18-C F-XX-C, F-24-C, F-17-C FULL AND TRO	SINGLE	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	4' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	4' X 9'					
	Std pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	8' X 9'					
	D/E pair	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258	NO	8' X 9'	DORMA-FALCON F9100 F-18-25-XX-C NP CAT B CVR 45-90	3.625 TECT	AMS 258 & FAI	NO	8' X 9'					
PRECISION FL2700 FULL AND TRO	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	4' X 9'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	8' X 9'					
	D/E pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 265 & FAI	NO	8' X 9'					
SARGENT WD8600, WDPP/PR8600 NBWD860 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD86 WDNB86 CAT A CVR 45-90	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT A CVR 45-90	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	AMS 225	YES	8' X 8'	SAR WD86 WDNB86 CAT B CVR 45-90	3.625 TECT	AMS 225 & FAI	YES	8' X 8'	SAR WD86 WDNB86 CAT A CVR 45-90	3.625 TECT	AMS 225 & CIPP	YES	8' X 8'
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	4' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	4' X 9'					
	Std pair	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	8' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	8' X 9'					
	D/E pair	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255	NO	8' X 9'	SAR WD86 WDNB86 CAT B OVER 8FT CVR 45-90	3.625 TECT	AMS 255 & FAI	NO	8' X 9'					
SARGENT WD7000 NBWD7000 FULL AND TRO ALT	SINGLE	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	4' X 8'	SAR WD70 WDNB70 CAT A CVR 45-90	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	FAI	YES	8' X 8'	SAR WD70 WDNB70 CAT A CVR 45-90	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	AMS 225	YES	8' X 8'	SAR WD70 WDNB70 CAT B CVR 45-90	3.625 TECT	AMS 225 & FAI	NO	8' X 8'	SAR WD70 WDNB70 CAT A CVR 45-90	3.625 TECT	AMS 225 & CIPP	NO	8' X 8'
SCHLAGE LM9200 FULL	SINGLE															
	Std pair															
	D/E pair															
VON DUPRIN * 98/9947 FULL AND TRO ALT	SINGLE	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 225	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 225 & FAI	YES	8' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	AMS 225 & CIPP	YES	8' X 8'
VON DUPRIN 33/3547A FULL AND TRO ALT	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	4' X 9'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	8' X 9'					
	D/E pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 251 & FAI	NO	8' X 9'					
VON DUPRIN 33/3547A FULL AND TRO ALT	SINGLE	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	4' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 267 & FAI	YES	4' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	CIPP	YES	4' X 8'
	Std pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	FAI	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 267 & FAI	YES	8' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	CIPP	YES	8' X 8'
	D/E pair	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 225	YES	8' X 8'	VD 33-35 98-9947 CAT B CVR - 45-90	3.625 TECT	AMS 225 & FAI	YES	8' X 8'	VD 33-35 98-9947 CAT A CVR - 45-90	3.625 TECT	AMS 225 & CIPP	YES	8' X 8'
VON DUPRIN 5547	SINGLE	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253	NO	4' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253 & FAI	NO	4' X 9'					
	Std pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253 & FAI	NO	8' X 9'					
	D/E pair	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253	NO	8' X 9'	PREC-VD FL2700 47 SERIES NP CAT B CVR	3.625 TECT	AMS 253 & FAI	NO	8' X 9'					
VON DUPRIN 98/9950 & 33/3550A FULL	SINGLE	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	4' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	4' X 8'					
	Std pair	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	8' X 8'	VD 33-35 98-9950 CAT B CVC - 45-90	3.625 TECT	AMS 251B & FAI	NO	8' X 8'					
	D/E pair															

Note: CIPP CONCEALED INTUMESCENT FAI FIELD APPLIED INTUMESCENT (HSS2000) AMS XXX All Metal Stamping 5" metal wrap Model# \* Installed intumescent in CVR access Pocket