

Intumescent Protection Requirements for Locks on Fire Doors

Item	Description	Certifire Reference	FD30 Timber Door 0.8mm Intumescent liner required	FD60 Timber Door 0.8mm Intumescent liner required	FD120/240 Steel Door no Intumescent liner required	
BAE5025	Bathroom Lock (Economy) 2.5"	CF611	✓	✓		
BAE5030	Bathroom Lock (Economy) 3"	CF611	✓	✓		
BAS5025	Easi - T Bathroom Lock 5mm Follower 64mm	CF611	✓	✓		
BAS5030	3" Bathroom Lock 5mm Follower (Security)	CF611	✓	✓		
BL1	Bathroom Lock (Economy) 2.5"	N/A				
BL2	Bathroom Lock (Economy) 2.5"	N/A				
BL3	Bathroom Lock (Economy) 3"	N/A				
BL4	Bathroom Lock (Economy) 3"	N/A				
DLE0055EP	Din Euro Deadlock 55mm - Contract	CF611	✓	✓	✓	
DLE0055L	Din Latch 55mm - Contract	CF611	✓	✓	✓	
DLE7255EP	Din Euro Sashlock 55mm - Contract	CF611	✓	✓	✓	
DLE7255NL	Din Euro Nightlatch 55mm - Contract	CF611	✓	✓	✓	
DLE7855WC	Din Bathroom Lock 55mm - Contract	CF611	✓	✓	✓	
DLS0060EP	Din Euro Deadlock 60mm - Security	CF611	✓	✓	✓	
DLS0060L	Din Latch 60mm - Security	CF611	✓	✓	✓	
DLS7260EP	Din Euro Sashlock 60mm - 72mm Centres	CF719	✓	✓	✓	
DLS7260ESC	Din Euro Escape Lock 60mm - 72mm Centres	CF611	✓	✓	✓	
DLS7260NLA	Din Euro Nightlatch 60mm - 72mm Centres	CF611	✓	✓	✓	
DLS7860WC	Din Bathroom Lock 60mm - 78mm Centres	CF611	✓	✓	✓	
EDB5025	Easi - T Euro Profile BS3621 Double Cylinder Deadlock (Complete set)	CF611	✓	✓		
EDB5025/CT	Euro Profile BS8621 Cylinder/Turn Deadlock (Complete)	CF611	✓	✓		
EDB5030	Easi - T Euro Profile BS3621 Double Cylinder Deadlock (Complete set)	CF611	✓	✓		
EDB5030/CT	Euro Profile BS8621 Cylinder/Turn Deadlock (Complete)	CF611	✓	✓		
EDS5025	Easi - T Euro Profile Deadlock 64mm	CF611	✓	✓		
EDS5030	Easi - T Euro Profile Deadlock 76mm	CF611	✓	✓		
ESB5025	Easi - T Euro Profile BS3621 Double Cylinder Sashlock (Complete set)	CF611	✓	✓		
ESB5025/CT	Euro Profile BS8621 Cylinder/Turn Sashlock (Complete)	CF611	✓	✓		
ESB5030	Easi - T Euro Profile BS3621 Double Cylinder Sashlock (Complete set)	CF611	✓	✓		
ESB5030/CT	Euro Profile BS8621 Cylinder/Turn Sashlock (Complete)	CF611	✓	✓		
ESS5025	Easi -T Euro Profile Sashlock 64mm	CF611	✓	✓		
ESS5030	Easi - T Euro Profile Sashlock 76mm	CF611	✓	✓		
FLD8025	Flat Dead 64mm	CF611	✓	✓		
FLD8030	Flat Dead 76mm	CF611	✓	✓		
FLD8040	Flat Dead 102mm	CF611	✓	✓		

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BAE5025	Bathroom Lock (Economy) 2.5"	CF611	✓	✓		
BAE5030	Bathroom Lock (Economy) 3"	CF611	✓	✓		
BAS5025	Easi - T Bathroom Lock 5mm Follower 64mm	CF611	✓	✓		
BAS5030	3" Bathroom Lock 5mm Follower (Security)	CF611	✓	✓		
BL1	Bathroom Lock (Economy) 2.5"	N/A				
BL2	Bathroom Lock (Economy) 2.5"	N/A				
BL3	Bathroom Lock (Economy) 3"	N/A				
BL4	Bathroom Lock (Economy) 3"	N/A				
DLE0055EP	Din Euro Deadlock 55mm - Contract	CF611	✓	✓	✓	
DLE0055L	Din Latch 55mm - Contract	CF611	✓	✓	✓	
DLE7255EP	Din Euro Sashlock 55mm - Contract	CF611	✓	✓	✓	
DLE7255NL	Din Euro Nightlatch 55mm - Contract	CF611	✓	✓	✓	
DLE7855WC	Din Bathroom Lock 55mm - Contract	CF611	✓	✓	✓	
DLS0060EP	Din Euro Deadlock 60mm - Security	CF611	✓	✓	✓	
DLS0060L	Din Latch 60mm - Security	CF611	✓	✓	✓	
DLS7260EP	Din Euro Sashlock 60mm - 72mm Centres	CF719	✓	✓	✓	
DLS7260ESC	Din Euro Escape Lock 60mm - 72mm Centres	CF611	✓	✓	✓	
DLS7260NLA	Din Euro Nightlatch 60mm - 72mm Centres	CF611	✓	✓	✓	
DLS7860WC	Din Bathroom Lock 60mm - 78mm Centres	CF611	✓	✓	✓	
EDB5025	Easi - T Euro Profile BS3621 Double Cylinder Deadlock (Complete set)	CF611	✓	✓		
EDB5025/CT	Euro Profile BS8621 Cylinder/Turn Deadlock (Complete)	CF611	✓	✓		
EDB5030	Easi - T Euro Profile BS3621 Double Cylinder Deadlock (Complete set)	CF611	✓	✓		
EDB5030/CT	Euro Profile BS8621 Cylinder/Turn Deadlock (Complete)	CF611	✓	✓		
EDS5025	Easi - T Euro Profile Deadlock 64mm	CF611	✓	✓		
EDS5030	Easi - T Euro Profile Deadlock 76mm	CF611	✓	✓		
ESB5025	Easi - T Euro Profile BS3621 Double Cylinder Sashlock (Complete set)	CF611	✓	✓		
ESB5025/CT	Euro Profile BS8621 Cylinder/Turn Sashlock (Complete)	CF611	✓	✓		
ESB5030	Easi - T Euro Profile BS3621 Double Cylinder Sashlock (Complete set)	CF611	✓	✓		
ESB5030/CT	Euro Profile BS8621 Cylinder/Turn Sashlock (Complete)	CF611	✓	✓		
ESS5025	Easi -T Euro Profile Sashlock 64mm	CF611	✓	✓		
ESS5030	Easi - T Euro Profile Sashlock 76mm	CF611	✓	✓		
FLD8025	Flat Dead 64mm	CF611	✓	✓		
FLD8030	Flat Dead 76mm	CF611	✓	✓		
FLD8040	Flat Dead 102mm	CF611	✓	✓		
FLL5025	Flat Latch 64mm	CF611	✓	✓		
FLL5030	Flat Latch 3"	CF611	✓	✓		

Item	Description	Certifire Reference	FD30 Timber Door 0.8mm Intumescent liner required	FD60 Timber Door 0.8mm Intumescent liner required	FD120/240 Steel Door no Intumescent liner required	
FLL5040	Flat Latch 102mm	N/A	✓	✓		
FLL8025	Flat Latch 64mm	N/A	✓	✓		
FLL8030	Flat Latch 76mm	N/A	✓	✓		
FLL8040	Flat Latch 102mm	N/A	✓	✓		
LDB5525	Easi - T 5 Lever Deadlock BS 64mm	CF611	✓	✓		
LDB5530	Easi - T 5 Lever Deadlock BS 76mm	CF611	✓	✓		
LDE5325	3 Lever Contract Deadlock 2.5"	CF611	✓	✓		
LDE5330	3 Lever Contract Deadlock 3"	CF611	✓	✓		
LDS5325	Easi - T 3 Lever Security Deadlock 64MM	CF611	✓	✓		
LDS5330	Easi - T 3 Lever Security Deadlock 76mm	CF611	✓	✓		
LDS5525	Easi - T 5 Lever Security Deadlock 64mm	CF611	✓	✓		
LDS5530	Easi - T 5 Lever Security Deadlock 76mm	CF611	✓	✓		
LFB2	Fire Brigade Lock	N/A	✓	✓		
LSB5525	Easi - T 5 Lever Sashlock BS 64mm	CF611	✓	✓		
LSB5530	Easi - T 5 Lever Sashlock BS 76mm	CF611	✓	✓		
LSE5225	2 Lever Sashlock - Economy	CF611	✓	✓		
LSE5225/REB	3 Lever Sashlock - Economy - REBATED	CF611	✓	✓		
LSE5230	2 Lever Sashlock - Economy	CF611	✓	✓		
LSE5325	3 Lever Sashlock - Economy	CF611	✓	✓		
LSE5330	3 Lever Sashlock - Economy	CF611	✓	✓		
LSS5325	Easi - T 3 Lever Security Sashlock 64MM	CF611	✓	✓		
LSS5330	Easi - T 3 Lever Security Sashlock 76mm	CF611	✓	✓		
LSS5525	Easi - T 5 Lever Security Sashlock 64mm	CF611	✓	✓		
LSS5530	Easi - T 5 Lever Security Sashlock 76mm	CF611	✓	✓		
MCN5025	Easi - T Mortice Cylinder Nightlatch	N/A	✓	✓		
MCN5030	Easi - T Mortice Cylinder Nightlatch	N/A	✓	✓		
ODS5025	Easi - T Oval Cylinder Deadlock 64mm	CF611	✓	✓		
ODS5030	Easi - T Oval Cylinder Deadlock 76mm	CF611	✓	✓		
OSS5025	Easi - T Oval Cylinder Sashlock 64mm	CF611	✓	✓		
OSS5030	Easi - T Oval Cylinder Sashlock 76mm	CF611	✓	✓		
RDE8043	D/H Rim Deadlock 4" x 3"	CF611	*	*		
RLE8043	Rim Latch 4" x 3"	CF611	*	*		
RSE8053	D/H Rim Lock 5.5" x 3"	CF611	*	*		
RSE8064	D/H Rim Lock 6" x 4"	CF611	*	*		
RSL5030	Easi - T Roller Ball Euro Deadlock 76mm	CF611	✓	✓		
TLD5030	Easi - T Tubular Dead Bolt 76mm	CF611	✓	✓		

Item	Description	Certifire Reference	FD30 Timber Door 0.8mm Intumescent liner required	FD60 Timber Door 0.8mm Intumescent liner required	FD120/240 Steel Door no Intumescent liner required	
TLD5040	Easi - T Tubular Dead Bolt 102mm	CF611	✓	✓		
TLD5050	Easi - T Tubular Dead Bolt 127mm	N/A	✓	✓		
TLD5830	Easi - T Tubular Dead Bolt 76mm c/w 8mm Follower	CF611	✓	✓		
TLD5840	Easi - T Tubular Dead Bolt 102mm c/w 8mm Follower	CF611	✓	✓		
TLD5850	Easi - T Tubular Dead Bolt 127mm c/w 8mm Follower	N/A	✓	✓		
TLE5025	Tubular Latch 64mm	N/A	✓	✓		
TLE5030	Tubular Latch 76mm	N/A	✓	✓		
TLE8025	Tubular Latch 2.5"	N/A	✓	✓		
TLE8030	Tubular Latch 3"	N/A	✓	✓		
BTL1	Tubular Latch 2.5"	N/A	✓	✓		
BTL2	Tubular Latch 2.5"	N/A	✓	✓		
BTL3	Tubular Latch 3"	N/A	✓	✓		
BTL4	Tubular Latch 3"	N/A	✓	✓		
TL1	Tubular Latch 2.5"	N/A				
TL2	Tubular Latch 2.5"	N/A				
TL3	Tubular Latch 3"	N/A				
TL4	Tubular Latch 3"	N/A				
TLS5025	Easi - T Heavy Sprung Tubular Latch 64mm	CF611	✓	✓		
TLS5030	Heavy Sprung Tubular Latch 3"	CF611	✓	✓		
TLS5040	Easi - T Heavy Sprung Tubular Latch 102mm	CF611	✓	✓		
TLS5050	Easi - T Heavy Sprung Tubular Latch 127mm	CF611	✓	✓		
UDD5330	3" Upright 3 Lever Deadlock (Architectural)	N/A				
UDE5030	3" Upright Euro Cylinder Deadlock (Architectural)	N/A				
UDO5030	3" Upright Oval Cylinder Deadlock (Architectural)	N/A				
ULE5025	2.5" Upright Latch (Economy)	CF611	✓	✓		
ULE5030	3" Upright Latch (Economy)	CF611	✓	✓		
ULS5025	Easi - T Upright Latch 64mm	CF611	✓	✓		
ULS5030	Easi - T Upright Latch 76mm	CF611	✓	✓		
URBS5025	Universal Replacement 2.5" Bathroom Sashlock	CF611	✓	✓		
URBS5030	Universal Replacement 2.5" Bathroom Sashlock	CF611	✓	✓		
URED5025	Universal Replacement 2.5" Euro Profile Deadlock (Security)	CF611	✓	✓		
URED5030	Universal Replacement 3" Euro Profile Deadlock (Security)	CF611	✓	✓		
URES5025	Universal Replacement 2.5" Euro Profile Sashlock (Security)	CF611	✓	✓		
URES5030	Universal Replacement 3" Euro Profile Sashlock (Security)	CF611	✓	✓		
URLD5325	Universal Replacement 3 Lever Security Deadlock 2.5"	CF611	✓	✓		
URLD5330	Universal Replacement 3 Lever Security Deadlock 3"	CF611				

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URLD5525	Universal Replacement 5 Lever Security Deadlock 2.5"	CF611	✓	✓		
URLD5530	Universal Replacement 5 Lever Security Deadlock 3"	CF611	✓	✓		
URLS5325	Easi - T Universal Replacement 3 Lever Security Sashlock 2.5"	CF611	✓	✓		
URLS5330	Easi - T Universal Replacement 3 Lever Security Sashlock 3"	CF611	✓	✓		
URLS5525	Universal Replacement 5 Lever Security Sashlock 2.5"	CF611	✓	✓		
URLS5530	Universal Replacement 5 Lever Security Sashlock 3"	CF611	✓	✓		
UROD5025	Universal Replacement Oval Profile Deadlock 2.5"	CF611	✓	✓		
UROD5030	Universal Replacement Oval Profile Deadlock 3"	CF611	✓	✓		
UROS5025	Universal Replacement 2.5" Oval Profile Sashlock	CF611	✓	✓		
UROS5030	Universal Replacement 3" Oval Profile Sashlock	CF611	✓	✓		
FLL5025	Flat Latch 64mm	CF611	✓	✓		
FLL5030	Flat Latch 3"	CF611	✓	✓		
<p>Locks/latches approved for FD30 with no intumescent requirement, have been successfully tested to EN1634-1 but still to be added to CF611</p> <p>* Surface mounted, 0.8mm liner only required in keyway mortice through door</p> <p>✓ = Approved N/A = Not Applicable</p>		Technical Properties of Intumescent Material				
		Material	Initial Expanding Deg -C	Main Body Expanding Deg -C	Free Expansion Rate	Density
		Intercalated graphite' 0.8mm sheet	>-180°C	550°C	Multi Directional X 40 Volume	1.2g/cm3