Intumescent Protection Requirements for Locks on Fire Doors

Item	Description	Certifire Reference	FD30 Timber Door no Intumescent liner required	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		✓	✓	

Item	Description	Certifire Reference	FD30 Timber Door no Intumescent liner required	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		✓	✓	
FLL5025	Flat Latch 64mm	CF611		✓	✓	
FLL5030	Flat Latch 3"	CF611		✓	✓	

Item	Description	Certifire Reference	FD30 Timber Door no Intumescent liner required	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 no Intumescent liner required	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				

Item	Description	Certifire Reference	FD30 Timber Door no Intumescent liner required	FD30 Timber Door 0.8mm Intumescent liner required	FD60 Timber Door 0.8mm Intumescent liner required	FD120/240 Steel Door no Intumescent liner required
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		✓	✓	

Locks/latches approved for FD30 with no intumescent requirement, have been successfully tested to EN1634-1 but still to be added to CF611

* Surface mounted, 0.8mm liner only required in keyway mortice through door

✓ = Approved

N/A = Not Applicable

Technical Properties of Intumescent Material

Material	Initial Expanding Deg -C	Main Body Expending Deg -C	Free Expansion Rate	Density
Intercalated graphite' 0.8mm sheet	>-180°C	550°C	Multi Directional X 40 Volume	1.2g/cm3