

Intumescent Fire Damper System Selector

PENETRATION	SYSTEM	BUILDING ELEMENT	FRL	PRODUCT	APPLICATION / MOUNTING DETAIL	MAX. SIZE	CONDITION
Wall	WM1	Masonry	-/120/-	IFD44	Mounted in steel casing in penetration	Single: 600x600mm	
	WM2	Masonry	-/240/-	IFD44	Mounted in steel casing in penetration	250 x 250mm	
	WM3	Masonry	-/120/-	IFD44	NO casing in penetration	Single: 600x600mm	
	WM4	Masonry	-/120/-	IFD44	NO casing - surface mounted over penetration	600 x 600mm	max hole size 500 x 500mm
	WM5	Masonry	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WM5i	Masonry	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WM6	Masonry	-/240/-	IFD-O	Steel sleeve in penetration	150mm Diameter	
	WM7	Masonry	-/120/-	IFD-OSS	Stainless steel sleeve in penetration	350mm Diameter	
	WM8	Masonry	-/120/-	IFD-O	Spiral duct sleeve grouted into penetration (angle free)	300mm Diameter	
	WM10	Masonry	-/120/-	IFD-O	Hi-Flo steel sleeve in penetration	200mm Diameter	
	WM11	Masonry	-/120/-	IFD44	NO casing with various fixing brackets	600mm x >10m	
	WH1	Hebel75	-/120/-	IFD44	Mounted in steel casing in penetration	Single: 600x600mm Multi: 2400x2400mm	400mm max if single in panel
	WH2	Hebel75	-/120/120	IFD-LL Fire Damper	Mounted in steel casing in penetration	350mm Diameter	
	WH3	Hebel75	-/120/-	IFD44	Mounted in steel casing in penetration	Single: 600x600mm Multi:2400x2400mm	400mm max if single in panel
	WH4	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm dia. *dual panel	350mm max if single in panel
	WH4j	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WH5	Hebel75	-/120/-	IFD44	Mounted in steel casing tight to underside of slab	300 x 300mm	
	WH6	Hebel75	-/120/-	IFD-O	Steel sleeve positioned tight to underside of slab	150mm Diameter	
	WH7	Hebel75	-/120/-	IFD44	Mounted in steel casing to underside of slab with 3 angles	300 x 300mm	
	WH8	Hebel75	-/120/-	IFD44	Mounted in riser branch (angle free system)	600x600mm or 0.36m2	
	WH9	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WH9j	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WH10	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WH10i	Hebel75	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WS1	CSR Security wall	-/90/90	IFD44	Mounted in steel casing in penetration	600 x 600mm	
	WS2	CSR Security wall	-/90/-	IFD-O	Steel sleeve in penetration	300mm Diameter	
	WP1	16mm FR PI/Board x 1 layer	-/90/-	IFD44	Mounted in steel casing in penetration	2400x2400mm	
	WP2	16mm FR PI/Board x 3 layers	-/120/-	IFD44	Mounted in steel casing in penetration	2400x2400mm or 5.76m2	
	WP3	16mm FR PI/Board x 2 layers	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WP3j	16mm FR PI/Board x 2 layers + 1 layer/pad	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WP4	16mm FR PI/Board 25mm liner + 2 layers	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WP4j	16mm FR PI/Board x 3 layers + 1 layer/pad	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WP5	16mm FR PI/Board x 3 layers + 1 layer/pad	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WP5j	16mm FR PI/Board x 3 layers + 1 layer/pad	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WP6	16mm FR PI/Board x 3 layers	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WP7	16mm FR PI/Board x 2 layers	-/120/-	IFD44	NO casing in penetration	2400x2400mm or 5.76m2	
WP8	13mm FR PI/Board x 1 layers	-/60/-	IFD44	Mounted in steel casing in penetration	2400x2400		
WP9	13mm FR PI/Board x 2 layers	-/90/-	IFD44	Mounted in steel casing in penetration	2400x2400mm		
WP10	13mm FR PI/Board x 1 layer	-/60/-	IFD44	NO casing in penetration	2400x2400mm or 5.76m2		
WP11	13mm FR PI/Board x 2 layers	-/90/-	IFD44	NO casing in penetration	2400x2400mm or 5.76m2		
WP12	13mm FR PI/Board x 1 layers	-/60/60	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter		
WP12i	13mm FR PI/Board x 1 layer	-/60/60	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter		
WP13	16mm FR PI/Board x 1 layer	-/90/90	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter		

Intumescent Fire Damper Selector

PENETRATION	SYSTEM	BUILDING ELEMENT	FRL	PRODUCT	APPLICATION / MOUNTING DETAIL	MAX. SIZE	CONDITION
	WP13i	16mm FR PI/Board x 1 layer	-/90/90	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WP14	13mm FR PI/Board x 2 layers	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration	350mm Diameter	
	WP14i	16mm FR PI/Board x 2 layers + 1 layer/pad	-/120/120	IFD-LL Fire Damper	Steel sleeve in penetration with mesh guard (i = insulation rated)	350mm Diameter	
	WV1	Retrofit Vermiculux Board	-/120/-	IFD44	NO casing - surface mounted over penetration	600 x 600mm	
	WV2	Vermiculux Board	-/120/-	IFD44	NO casing in penetration	800 x 800mm	
	WV3	Vermiculux Board & 2 x 2 layers FR PI/board	-/120/-	IFD44	NO casing in penetration	800 x 800mm	
	WSP1	Speedpanel wall fixed to underside of slab	-/120/-	IFD44	Mounted in steel casing in penetration	1000 x 1000mm	
	WSP2	Speedpanel wall fixed to slab above floor	-/120/-	IFD44	Mounted in steel casing in penetration	1000 x 1000mm	
	WSP3	Speedpanel wall	-/120/-	IFD44	Mounted in steel casing in penetration	1000 x 1000mm	
	WSP4	Speedpanel wall & 2 layers x 13mm FR PI/board	-/120/-	IFD44	Mounted in steel casing in penetration	1000 x 1000mm	
	WSP5	Speedpanel wall	-/120/-	IFD-O	Mounted in steel casing in penetration	300mm diameter	
Shaftwall Duct	WSRF1	Retrofit - Masonry or 16mm FR PI/Board x 3 layers	-/120/-	IFD44	Retrofit fixing tabs in existing damper housings	600 x 600mm or 0.36m2	
	WSW1	Masonry	-/120/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
	WSW2	Masonry	-/120/-	IFD44	Mounted in riser branch tight to slab with packer	600 x 600mm or 0.36m2	
	WSW3	Masonry	-/120/-	IFD44	Mounted in riser branch (angle free system)	300 x 300mm or 90,000mm ²	
	WSW4	16mm FR PI/Board x 3 layers	-/120/-	IFD44	Mounted in riser branch tight to slab with packer	600 x 600mm or 0.36m2	
	WSW5	16mm FR PI/Board x 3 layers	-/120/-	IFD44	Mounted in riser branch tight to slab with IBS rod & mastic	600 x 600mm or 0.36m2	
	WSW6	16mm FR PI/Board x 3 layers	-/120/-	IFD-O	Mounted in riser branch (angle free system)	300mm diameter	
	WSW7	16mm FR PI/Board x 3 layers	-/120/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
	WSW8	16mm FR PI/Board x 2 layers	-/120/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
	WSW9	16mm FR PI/Board x 2 layers	-/120/-	IFD-O	Mounted in riser branch (angle free system)	300mm diameter	
	WSW10	13mm FR PI/Board x 1 layer	-/60/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
	WSW11	13mm FR PI/Board x 2 layers	-/90/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
	WSW12	16mm FR PI/Board x 1 layer	-/60/-	IFD44	Mounted in riser branch (angle free system)	600 x 600mm or 0.36m2	
Floor/Slab	FL1	Concrete slab	-/120/-	IFD44	No casing in penetration	2400x2400mm or 5.76m2	
	FL2	Concrete slab	-/240/180	IFD44	Mounted in steel casing in penetration	300 x 300mm	
	FL3	Concrete slab	-/120/120	IFD44	Mounted in steel casing in penetration	600 x 600mm or 0.36m2	
	FL4	Concrete slab	-/120/-	IFD-O	Steel sleeve in penetration	300mm diameter	
	FL5	Concrete slab	-/120/-	IFD44	NO casing - surface mounted over or under penetration	600 x 600mm	max hole size 500 x 500mm
	FL6	Concrete slab	-/120/-	IFD-O	NO steel sleeve in penetration	250mm diameter	
	FL7	Concrete slab	-/120/-	IFD44	Mounted in steel casing in penetration	2400x2400mm or 5.76m2	
	FLV1	Vermiculux Board	-/120/-	IFD44	NO casing in penetration	800 x 800mm	
	FLV2	Retrofit Vermiculux OR Promatect Board	-/120/-	IFD44	NO casing - surface mounted over penetration	800 x 800mm	
	FLV3	Retrofit Vermiculux OR Promatect Board	-/120/-	IFD44	NO casing - surface mounted under penetration	800 x 800mm	
Ceiling	CE1	FR P/Board 2 ply ceiling	-/60/60	IFD44	P/Board clad encl. (60 min RISF Incipient rated)	600 x 600mm	
	CE2	FR P/Board 2 ply ceiling	-/60/60	IFD44	P/Board clad encl. open end (60 min RISF Incipient rated)	300 x 300mm	exhausting into ceiling void
	CE3	FR P/Board 2 ply ceiling	-/90/90	IFD-O	P/Board panel & IFD (90 min RISF Incipient rated)	150mm diameter	
	CE4	FR P/Board 2 ply ceiling	-/90/90	IFD-O Hi Flo	P/Board clad 3 way enclosure (90 min RISF Incipient rated)	440 x 440mm	
Door	FD1	IFD-D in FireCore fire doors	-/120/30	IFD-D	Fitted to 37mm Mini & 47mm Maxi fire doors	600 x 300mm or 450 x 450mm	
	FD2	IFD-D in Pyropanel fire doors	-/120/30	IFD-D	Fitted to pandor, FR & pyrolite fire doors	600 x 300mm, 450 x 450mm, 600 x 600mm	
	FD3	IFD-D in E-Core fire doors	-/120/30	IFD-D	Fitted to 37mm Mini & 47mm Maxi fire doors	600 x 300mm or 450 x 450mm (up to 2 off per leaf)	