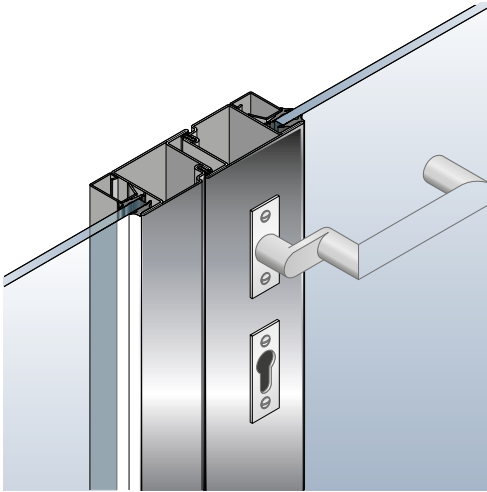


## AAF-P50

### Fire Rated Doors & Partitions Non-Thermally Insulated

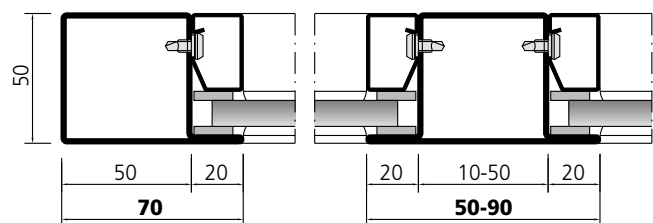
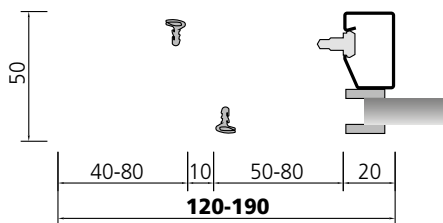


This system is a non-thermally insulated profile system used for flush mounted single or double-leaf swing doors, single and double-leaf sliding doors, windows, and glazed partitions.

Manufactured from cold rolled mild steel or stainless-steel profiles, with square cut Snap-on glazing beads, the system has a nominal depth of 50mm and can be welded together to form complex constructions.

The system has been comprehensively tested to both the European and North American standards for fire resistance and other safety parameters.

The system is listed and labelled by M/S Intertek - a well-renown independent third-party certification body - and is approved by the Civil Defense authorities across the GCC.



## Technical Data

	Description	Result	Standard
Material options	Black box steel (Mild Steel)		
	Zinc magnesium (ZM) coated steel		
	Stainless steel grade 304 and 316		
	Brush finish grade 220-240		
	Available Profiles Depths: 50 and 60 mm		
Fire resistant options	Fixed partitions	E30 to E180 EW30 to EW120/E180	EN 1634-1
	Single and Double doors & Double Egress Doors / Push - Pull	E30 to E180 EW30 to EW120	
	Single and double automatic sliding doors	EW30 to EW120	
	Single action, rebated, unlatched swing doors (Single and Double Leaf)	EW30 to EW120	
	Double action, non-rebated, unlatched swing doors (Single and double leaf)	EW30 to EW60	
	Fixed Partitions	1.5 hours non-temperature rise restricted (NT)	UL 9
	Single action, non-rebated, latched swing doors (Single and double leaf)	1 and 1.5 hours non temperature rise restricted (NT)	UL10C/UL10B NFPA 252
	Single and double doors		
Fire code compliance	European and North American Standards		
	NFPA 101		
	GCC Civil Defence Approved through local forster fabricators		
Tested Design Variants	Smoke resistant doors	Sa, S <sub>200</sub>	EN 1634-3
	Fire resistant doors and screens		
	Metal sheet doors with tubular frames (Please check with local forster representative)		
	Burglar resistant doors	RC 1-3	EN 1627-1630
System properties	Extremely slender visible section widths and depth		
	Can be powder coated or wet paint coated (to be checked with local applicator)		
	Large glass panels available for fire rated systems		
	Large door sizes available for fire rated systems		
	Extremely economical manufacturing without special equipment		
	Robust system, resistant to damage		
	Can be used in conjunction with forter thermfix various facades / partitions		
	Sound insulation (hinged doors, depth 50 mm)	Up to 42 dB	EN ISO 140-3
	Sound insulation (fixed screens, depth 50 mm)	Up to 46 dB	
	Sound insulation (hinged doors, depth 60 mm)	Up to 45 dB	
	Sound insulation (fixed screens, depth 60 mm)	Up to 48 dB	
Fittings	UL listed hardware available		
	Concealed hinges		
	Concealed door closer		
	Door closers complete with in house cycling testing		
	Latch locks, lever handles, Self-closing flush bolts		
	Roller latches (for unlatched doors)		
	Compatible with access control devices		
Environmental & Sustainability credentials	Environmental Product Declaration (EPD available)	Can apply online	
	High Recycle Content	Project specific declaration can be provided on request	