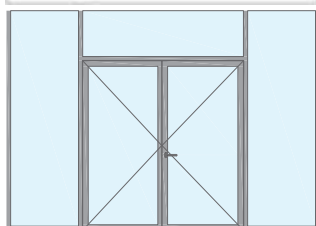


## AAF-U70

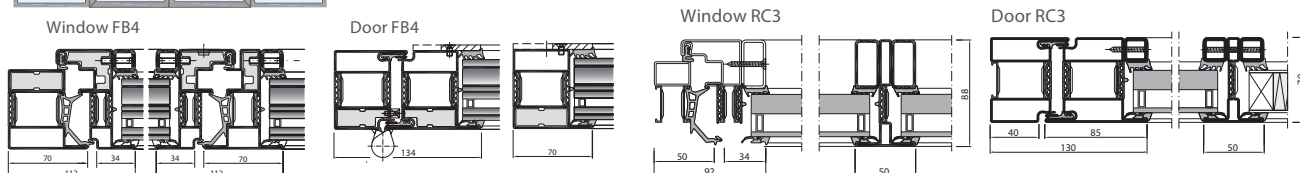
### High-Security doors and screens with Thermal Insulation



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

It is manufactured from cold rolled mild steel with a zinc magnesium coating or stainless steel profiles, square cut Snap-on glazing beads, and can include aluminum reinforcement embedded in the profiles. With a nominal depth of 70mm, the profiles can also be welded together to form complex constructions.

The system has been comprehensively tested to both the European and North American standards for high-security parameters; which includes burglary, ballistic, and blast resistance.



## Technical Data

	Description	Result	Standard
Material options	Zinc magnesium (ZM) coated steel		
	Stainless steel grade 304 (brush finish grain 220-240)		
	Various profile depths available, depending on the fire rating & security requirements		
Fire resistant options	Fixed partitions	EW60	EN 1634-1
	Single and double doors		
Fire code compliance	European and North American Standards		
	NFPA101 and NFPA80		
	GCC Civil Defence Approved through local forster fabricators		
Tested design variants*	Classification from CE-tests according to EN13830:		
	Thermal insulation: U-Values	Up to 1.2 W/(m <sup>2</sup> ·K)	
	Resistance to wind load	Class C3/B3	EN 12210
	Air permeability	Class C3	EN 12207
	Sound insulation	Rw up to 46 dB	EN ISO140-3
	Burglary resistance	RC 2-3	EN 1627-1630
	Ballistic rating	FB4, FB5, and FB6	EN 1522/1523
	Blast resistant	EPR1(S)	EN 13123-1
Fittings	UL listed hardware available		
	Door closers complete within house cycling testing		
	Latch locks and lever handles		
	Compatible with access control devices		
System properties	Extremely slender visible section width and depth		
	Can be powder coated or wet paint coated (To be checked with local applicator)		
	Large glass panels available		
	Large door sizes available		
	Extremely economical manufacturing without special equipment		
	Robust system, resistant to damage		
	Can be used in conjunction with forster thermfix vario facades		
Environmental & Sustainability Credentials	Environmental Product Declaration (EPD available)	Can apply online	
	High Recycle Content	Project specific declaration can be provided on request	