

Panelman Engineering (PTY) LTD

Reg. No. 2012/085401/07

SLIDING DOOR TECHNICAL DATA SHEET

	EPS Sliding Door	PIR Sliding Door	M/W Sliding Door	
CORE	Material	Expanded Polystyrene	Polyisocyanurate	Mineral - / Rock wool
	Density [kg/m ³]	16	40	100
	Thickness [mm]	100	100	100
	Thermal Conductivity [W/m ² .K]	0.36	0.22	0.40
	Acoustic Value [Rw]	33	35	45
	Maximum Temperature [°C]	110	250	1000
	Pollution	100% None	100% None	100% None
DOOR LEAF	Size [w x l]	Refer to Engineering Card	Refer to Engineering Card	Refer to Engineering Card
	Thickness [mm]	100	100	100
	Tolerance	2.0mm	2.0mm	2.0mm
	Colour – leaf	Frost-White	Frost-White	Frost-White
	Colour – trim	Red/Blue/Grey	Red/Blue/Grey	Red/Blue/Grey
	Facing skin	Chromadek	Chromadek	Chromadek
	Trim	Fiberglass	Fiberglass	Fiberglass
	Slider	Aluminum Rail and Trolley System	Aluminum Rail and Trolley System	Aluminum Rail and Trolley System
Fasteners	Class 8.8 Galv Nuts/Bolt Steel Rivets	Class 8.8 Galv Nuts/Bolt Steel Rivets	Class 8.8 Galv Nuts/Bolt Steel Rivets	

Doc no:	PM-SHEQ-0214	Revision no:	00
Date issued:	2021/01/01	Date revised:	

Directors - Victor Vorster & Arnold Vorster

Panelman Engineering (PTY) LTD

Reg. No. 2012/085401/07

	Locking Mechanism	Alum Pan & Pin Engineering system	Alum Pan & Pin Engineering system	Alum Pan & Pin Engineering system
	Bottom Guides	Galv Steel/Nylon 90mm	Galv Steel/Nylon 90mm	Galv Steel/Nylon 90mm
	Stoppers	Galv Steel/Nuprene Rubber	Galv Steel/Nuprene Rubber	Galv Steel/Nuprene Rubber
	Frame	Aluminum Mae West 150mm	Aluminum Mae West 150mm	Aluminum Mae West 150mm
Motorised Doors	Input Voltage	220V AC +/- 10% 50HZ ¹	220V AC +/- 10% 50HZ ¹	220V AC +/- 10% 50HZ ¹
	Motor Voltage	24V DC	24V DC	24V DC
	Motor power Supply	Battery Driven ² – 2.0A Charger	Battery Driven ² – 2.0A Charger	Battery Driven ² – 2.0A Charger
	Push Force – Rated	15kgf	15kgf	15kgf
	Speed (Varies with load)	40 - 50m/min	40 - 50m/min	40 - 50m/min
	Duty Cycle – Mains present	25% ^{3,4}	25% ^{3,4}	25% ^{3,4}
	Daily Operations max	750 ^{3,6}	750 ^{3,6}	750 ^{3,6}
	Onboard receiver specification	Code-hopping ⁵ multichannel 433MHz, Capacity – 500 transmitter buttons	Code-hopping ⁵ multichannel 433MHz, Capacity – 500 transmitter buttons	Code-hopping ⁵ multichannel 433MHz, Capacity – 500 transmitter buttons

Doc no:	PM-SHEQ-0214	Revision no:	00
Date issued:	2021/01/01	Date revised:	

Directors - Victor Vorster & Arnold Vorster