

80kg

Wood

Glass

Interior

Automated

Automated sliding system for wooden and glass doors weighing up to 80kg

Overview

Featuring a more sophisticated track and a quieter motor, our new and improved Evolve system now incorporates our popular Soltaire 120 system. The result is an exceptionally smooth and reliable automated system which can cater for single doors or two bi-parting doors with simultaneous action.

Sliding doors can open by the push of a button, remote control or by activation of a movement sensor – offering the utmost in sophistication and convenience.

Features and Benefits

- New and improved - more sophisticated track and quieter motor
- Can be soffit fixed or face fixed
- Includes push and go, configurable closing speeds and an auto closing delay timer
- Hardware works as regular sliding doors in the event of no power
- Available for single doors or two bi-parting doors with simultaneous action
- Standard offerings include 2 or 3 metre tracks for single doors and a 4 metre track for bi-parting doors
- Supplied with two wall mounted control panels
- Obstacle detection and safe low voltage operation
- Range of sensors and remote controls available as optional extras

Single Door



Bi-parting Doors



Product and Door Specification

Kit Short Code	Type of System	Door Material	Track Length	Door/Glass Thickness Range	Min. Door Width	Max. Door Width	Max. Door Weight
E80/20	Single Door	Wood	2000mm	30 – 50mm*	675mm	1100mm**	80kg
E80/30	Single Door	Wood	3000mm	30 – 50mm*	675mm	1600mm***	80kg
10/E80/20	Single Door	Glass	2000mm	10mm	760mm	1100mm**	80kg
10/E80/30	Single Door	Glass	3000mm	10mm	760mm	1600mm***	80kg
12/E80/20	Single Door	Glass	2000mm	12mm	760mm	1100mm**	80kg
12/E80/30	Single Door	Glass	3000mm	12mm	760mm	1600mm***	80kg
ESIM80/40	Bi-Parting Doors	Wood	4000mm (2 x 2000mm)	30 – 50mm*	675mm	1058mm****	40kg (per door)
10/E80SIM/40	Bi-Parting Doors	Glass	4000mm (2 x 2000mm)	10mm	760mm	1058mm****	40kg (per door)
12/E80SIM/40	Bi-Parting Doors	Glass	4000mm (2 x 2000mm)	12mm	760mm	1058mm****	40kg (per door)

*A spacer is required to accommodate doors over 40mm in a wooden door face fixed application

** Clear opening is 1020mm ***Clear opening is 1520mm ****Clear opening is 2035mm

Drive Unit Specification

Operation Voltage:	24V safety – low voltage via external power unit
Maximum Operating Speed:	26 cm/s variable
Running Performance:	Soft start and stop
Safety Function:	Includes obstacle detection in both directions
Configurable Options:	Push and go, closing speed, auto closing delay timer

Kit Contents

Track (120/2000 or 120/3000)
Hangers (51/120/SS) or Glass Clamps
Floor Guide (101SS or 8-12/SN)
Track Stops (HH4/SS)
Toothed Belt
Belt Clamp
Tension Wheel
Face Fixed Brackets
Motor (1.5m cable length)
24V Transformer
Wall Mounted Control Panels x2

Accessories

Remote Control Kit	Includes a single channel remote control and one wireless receiver control panel	E2/RCK	
Radar Motion Sensor	Available in black, white or aluminium	ER/B, ER/W or ER/S	

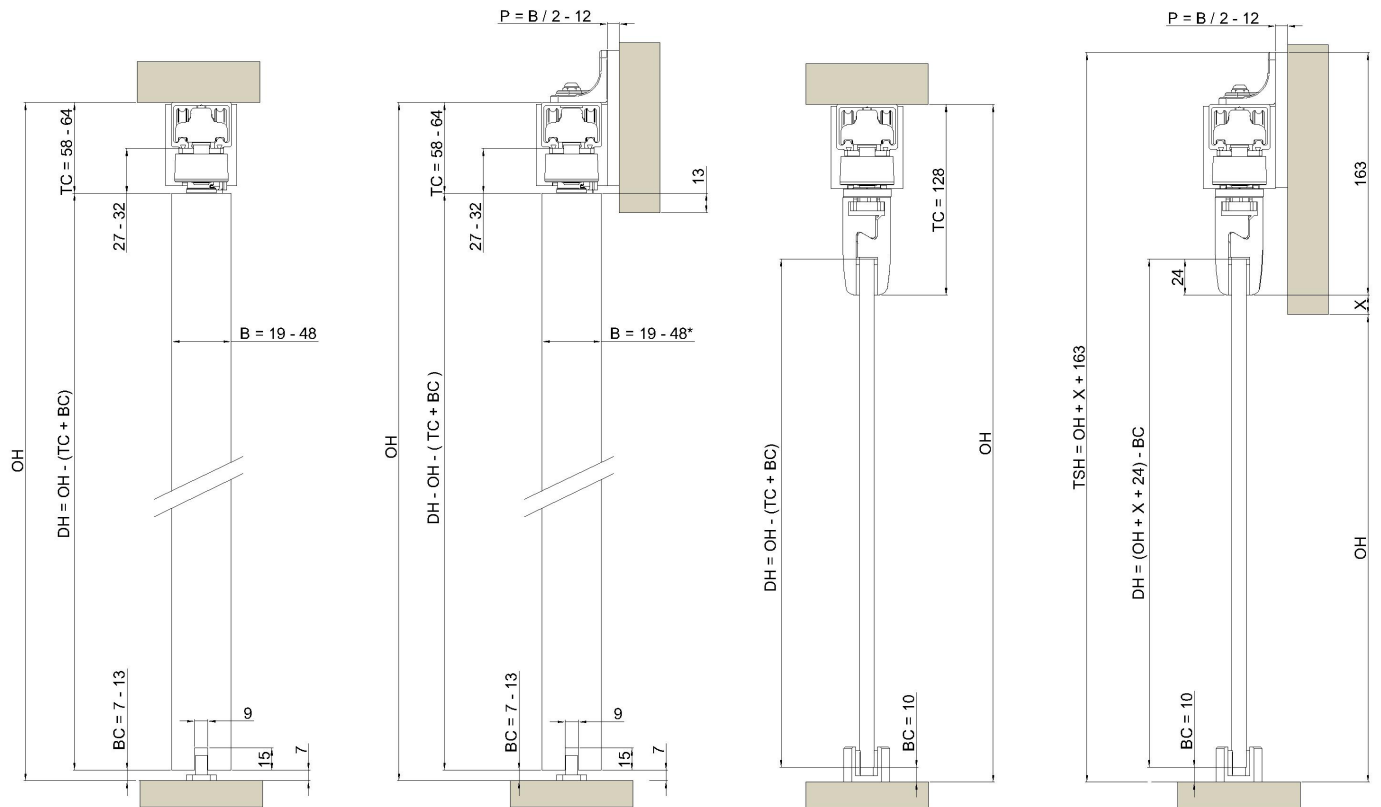
Wooden Door Application

Glass Door Application

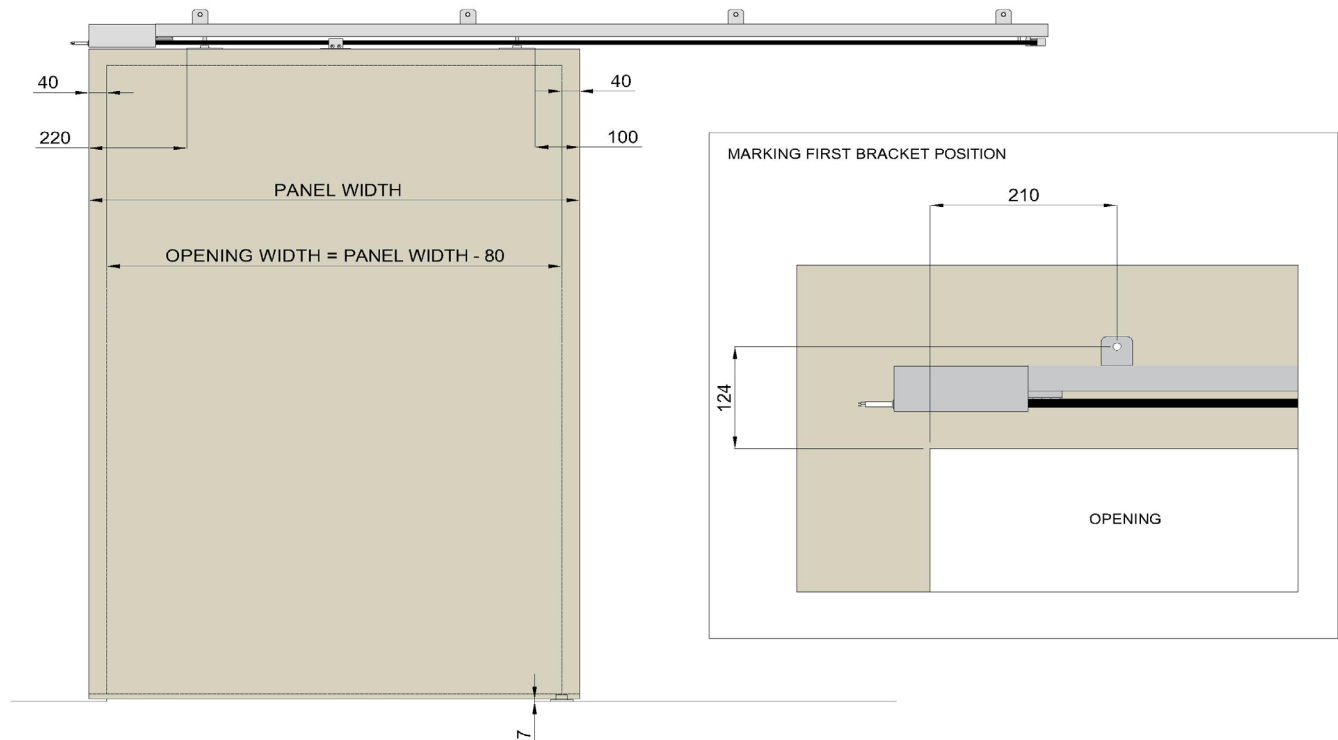
SPACER REQUIRED TO
ACCOMMODATE DOOR THK
OVER 40mm (NOT PCH)

OH = OPENING HEIGHT
TC = TOP CLEARANCE
BC = BOTTOM CLEARANCE
P = PACKER

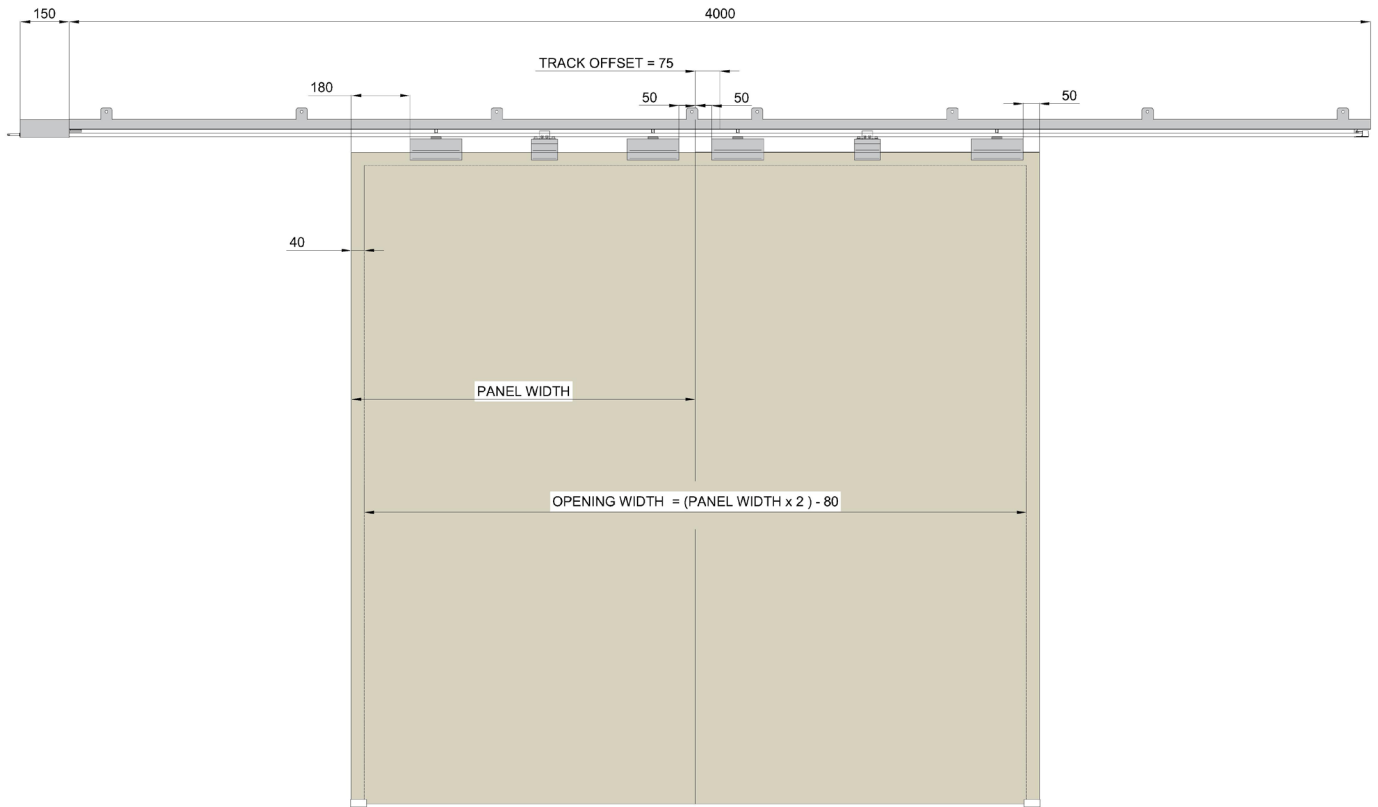
B = DOOR THICKNESS
TSH = TRACK SET HEIGHT
X = OVERLAP (PCH
RECOMMEND 13mm)



Single Door Application



Bi-Parting Door Application



Notes on Installation

P C Henderson supply installation instructions with all of the Evolve kits.

The installation is intended to be carried out by professionally competent personnel only. The mounting must be done by technically educated, trained and qualified personnel. Electrical wirings have to be completed by a suitably qualified specialist.

The installation instructions detail how the system can be safely installed, to comply with the appropriate European Standards and allow the installer to 'CE mark' the system once complete.

The specifications must be respected, especially maximum weight restriction of the door leaf. Any other use of this product is considered inappropriate use. It is not guaranteed that this product will work in combination with fittings, motors or other electronic devices supplied by other manufacturers.

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