

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. 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.

Evolve is an ideal solution to improve mobility access or add a sophisticated feature to a home or light commercial application.

Features and Benefits

- New and improved - featuring a 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
- Supplied with two wall mounted control panels
- Obstacle detection and safe low voltage operation
- Optional extras include a remote control kit and motion sensor



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: | Door weight dependent: Up to 80kg - 20cm/s max. speed Up to 60kg - 23cm/s max. speed Up to 40kg - 26cm/s max. speed |
| 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 can all be configured to user preference |

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 |

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 |  |

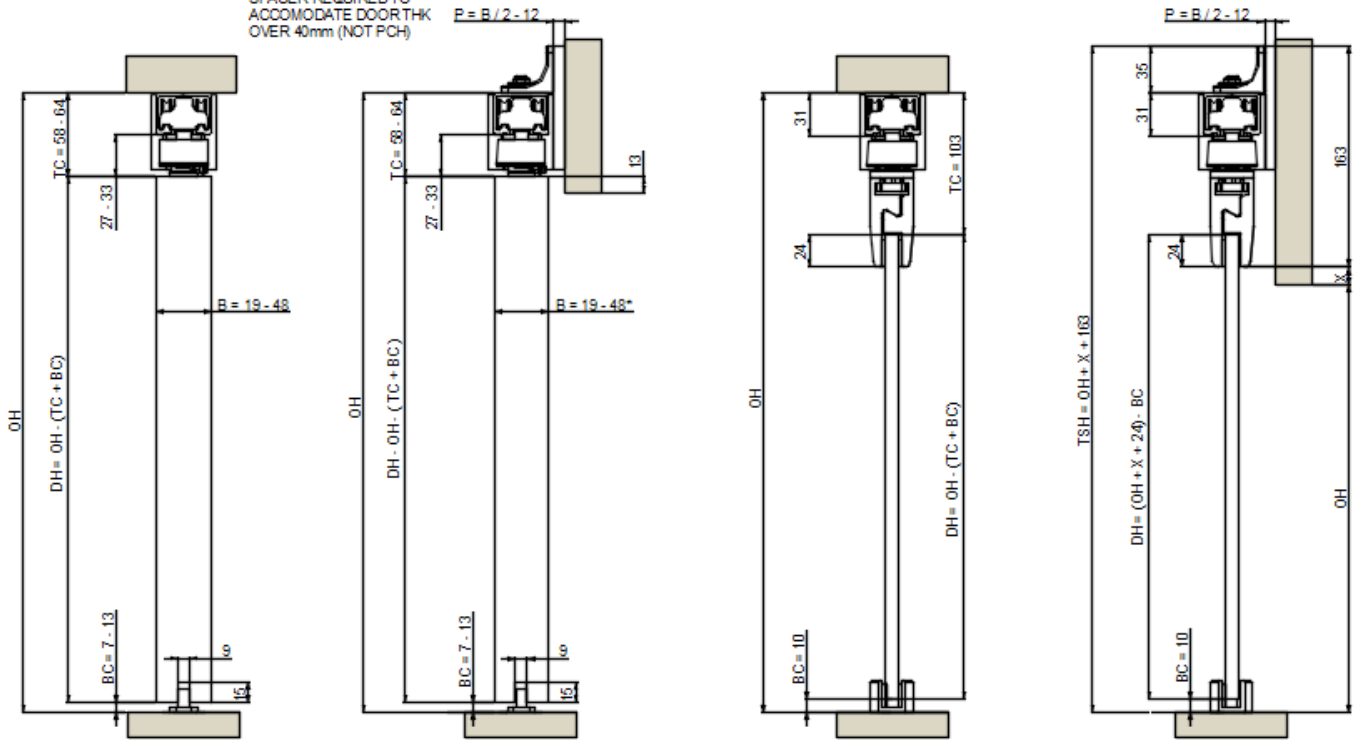
Wooden Door Application

Glass Door Application

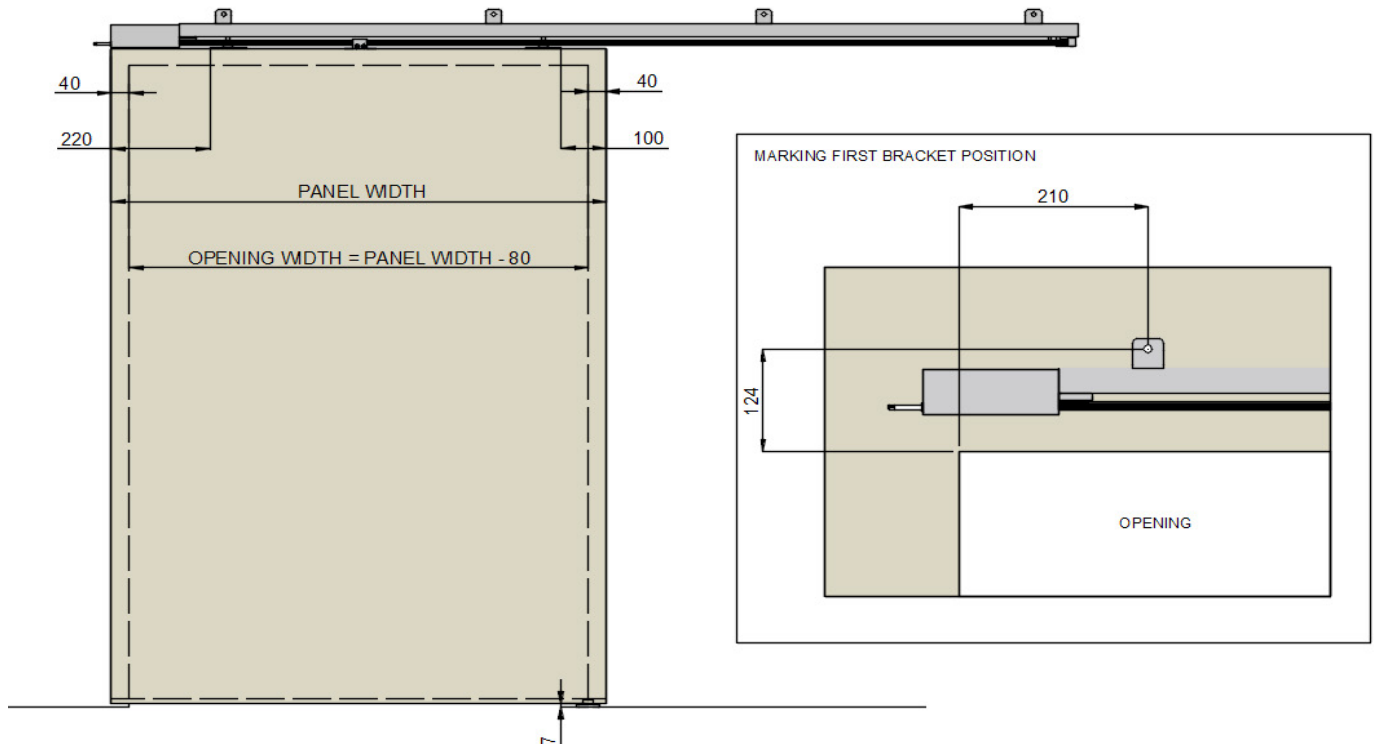
OH = OPENING HEIGHT
 TC = TOP CLEARANCE
 BC = BOTTOM CLEARANCE
 P = PACKER

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

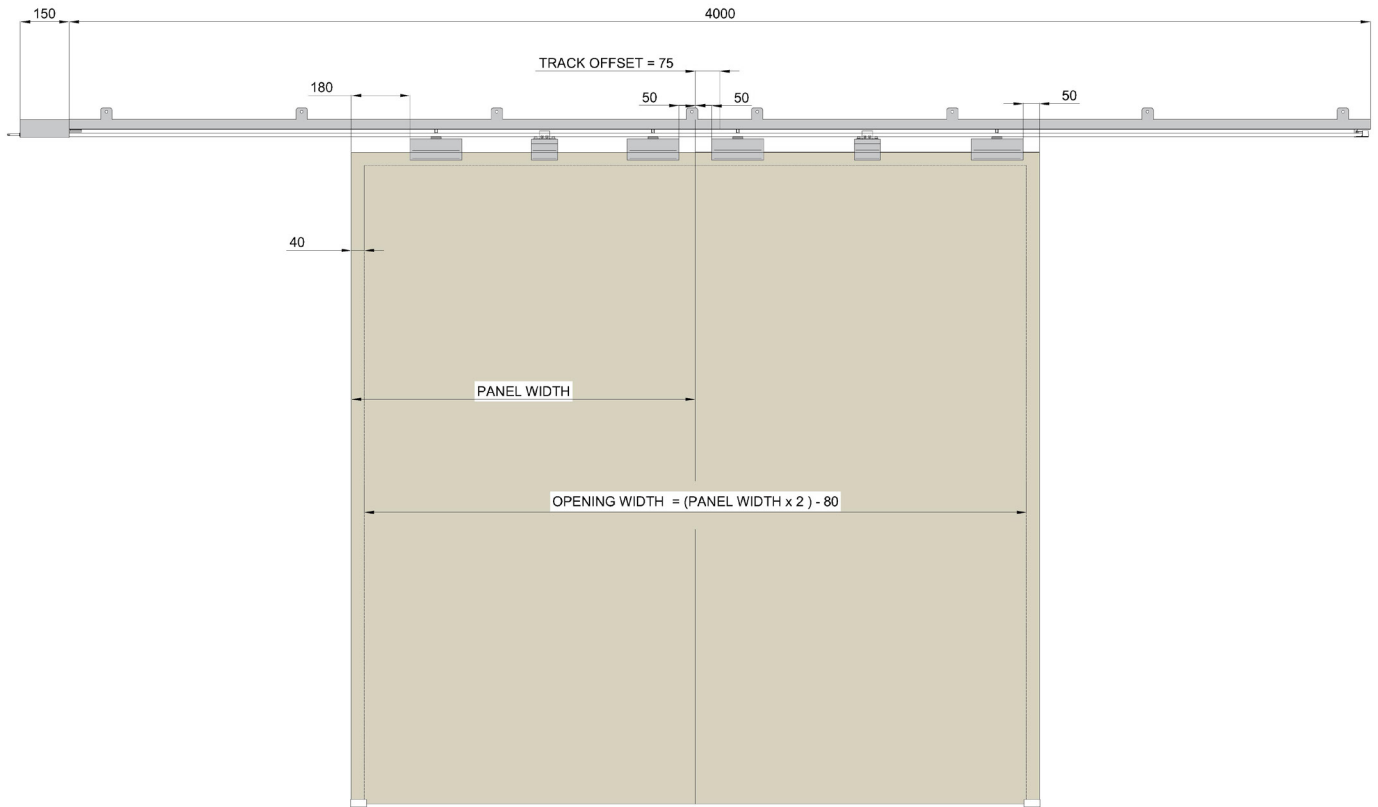
SPACER REQUIRED TO ACCOMMODATE DOOR THK OVER 40mm (NOT PCH)



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.

For further information, please contact us on:

UK Sales

T: **+44 (0) 191 377 7345**

E: **sales@pchenderson.com**

W: **www.pchenderson.com**

Export Sales

T: **+44 (0) 191 377 7346**

E: **international@pchenderson.com**

W: **export.pchenderson.com**

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