



Residential &  
Commercial  
Sliding Door Gear

**HENDERSON**

*Design in Motion*

August 2011

# Securefold

for folding exterior doors up to 75kg each

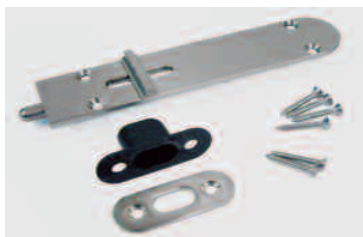
Securefold is the ultimate in exterior folding systems and opens up building design to a wealth of new possibilities.

The system which operates with effortless ease combines the benefits of folding doors with uncompromising security, protection from the weather, and the durability of stainless steel.

- High security locking system.
- Severe weather resistance.
- Maximum corrosion resistance.
- Inward & outward opening options - a range of opening variations.
- Concealed channel to enhance appearance.
- Precision bearings top and bottom to reduce rolling resistance.
- Cycle tested to over 100,000 cycles.

## SECUREFOLD SPECIFICATIONS

<b>MAXIMUM LEAF HEIGHT</b>	<b>3300mm</b>
<b>MAXIMUM LEAF WEIGHT</b>	<b>75kg</b>
<b>MAXIMUM LEAF WIDTH</b>	<b>1000mm</b>
<b>LEAF THICKNESS</b>	<b>35-68mm</b>



# Securefold Ultra

for folding exterior doors up to 75kg each

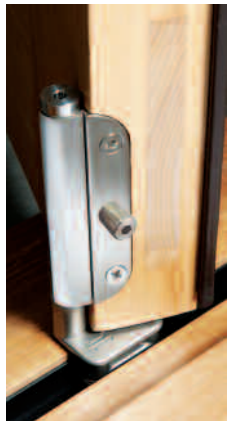
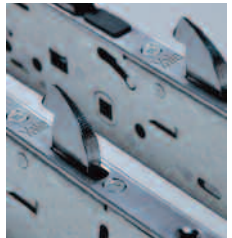
Securefold Ultra is the latest development in outward opening exterior folding door systems making it one of the most secure products on the market.

Enhanced security components have allowed this system to be tested to BS EN 1627:2011 allowing the system to be classified as burglar resistant.

The unique interlocking hinge, receiving plate and hinge bolt gives this system an extra layer of protection with all of the aesthetic and weather resistance benefits associated with modern design.

## SECUREFOLD ULTRA SPECIFICATIONS

MAXIMUM LEAF HEIGHT	3300mm
MAXIMUM LEAF WEIGHT	75kg
MAXIMUM LEAF WIDTH	1000mm
LEAF THICKNESS	48-68mm



# Lift & Slide

for exterior timber doors up to 300kg, can accommodate doors up to 3m x 3m.

Lift & Slide is the ideal solution for rooms requiring a lot of sunlight, or for homes where a large window gives a complete view of the landscape; while also maximising accessibility to the outside and creating a fantastic entertaining space.

The doors operate with a simple turn of the door handle. This unlocks the door, lifts the door up from its weather tight position and allows it to slide easily on the carriages with minimal friction.

Once open the door can be lowered at any position and secured by moving the handle down. This simple operation is achieved with the confidence that the system offers superior weather resistance and; with the combination of the multi-lock mechanism and concealed position of the carriages, excellent security.

The Lift and Slide system is available in three CE certified variations, Base, Intermediate and Climatech. All three systems have achieved high ratings in air, sound, water, wind, heat and security performance tests.



# Sirocco

For metal and timber sliding doors up to 80kg

The Sirocco system is a quiet and user friendly self closing system which automatically brings the door leaf to a gentle close.

The integrated solid soft top allows a safe, quiet, smooth and cushioned movement making it an ideal choice for many applications.

The internal door brake can be adjusted to allow the user to control the closing speed of the door. The system also features an optional adjustable time delay mechanism that allows the end user to dictate any length of time before the door closes automatically.

## KITS

<b>SIRRH</b>	Right hand opening
<b>SIRLH</b>	Left hand opening
<b>DELRH</b>	Delayed closing timer for right hand opening
<b>DELLH</b>	Delayed closing timer for left hand opening



# Soltaire 120, 180 & 250

For interior & exterior doors up to 250kg

This reliable system is suitable for timber or metal doors and appropriate for commercial or residential applications.

The robust components make this system an incredibly durable choice, especially for heavy use and coastal applications or any other application where the system is exposed to corrosive conditions.

Soltaire has a number of features that make it a versatile choice, the track can be soffit fixed or face fixed to allow flexibility of installation and has specialised hangers to accommodate timber or metal doors.

SOLTAIRE SYSTEM	120	180	250
MAXIMUM DOOR WEIGHT	120kg	180kg	250kg
PANEL THICKNESS	19-48mm	35-48mm	35-48mm
MAXIMUM PANEL HEIGHT	3000mm	3000mm	3300mm



# Marathon Fire Door Kits

For approved fire doors weighing up to 90kg each

PC Henderson offer two fire door kits, FDK1 and FDK 2. In the past, regulations meant that all fire doors had to be self closing but now this is not always the case. In response to this, we have ensured that we are prepared to meet all of our customers needs. PC Henderson offer both the self closing (FDK1) and manually closing (FDK2). To assemble, the door gear must be fitted alongside solid core FD30 or FD60 timber based fire doors which are CERTIFIRE approved.

Assessment report WFRC No.C116602 confirms that a sliding fire door assembly, fitted in accordance with the relevant instructions will offer 30 minutes of fire protection in accordance with BS 476: Part 22: 1987 (ref: report Warres No 40991). Both Marathon fire door kits are produced in a range of standard sizes (S3, S4, S5 and S6) and are suitable for use with specialised timber approved doors weighing up to 90kg, all kits are available as FDK1 and FDK2 to suit the application.

## MARATHON KITS

KIT 'S3'	FOR DOORS 750mm – 900mm WIDE
KIT 'S4'	FOR DOORS 900mm – 1050mm WIDE
KIT 'S5'	FOR DOORS 1050mm – 1200mm WIDE
KIT 'S6'	FOR DOORS 1200mm – 1500mm WIDE

FDK1 allows the door to automatically return to a closed position after each opening using counterbalance weights, a proven method of ensuring a smooth running system.



FDK 2 has been produced in response to the new regulations stating that fire doors no longer have to be self closing. The FDK 2 Kit is a straight sliding manually operated system whilst offering all of the safety features of the FDK1.

# Husky

For sliding wood and metal doors up to 100kg

Reliable and versatile single door system precision engineered for a smooth operation. Kits available with steel or aluminium track for doors up to 2700mm high and 1250mm wide. Anodised aluminium track is available in standard lengths.

- Ideally suited for room dividers and wardrobe doors.
- Designed with galvanised steel and aluminium track, with nylon rollers to ensure a smooth, quiet operation.
- Reliable and highly versatile sliding door hardware using precision made components for a trouble free operation.
- Suitable for both timber and metal framed doors.
- The opening can be covered by one or a number of doors sliding to either side. Where door travels more than its own width a continuous bottom guide channel must be used with two guides per door.
- Flexible fixing options. The track may be fixed direct to the underside of the lintel (single or multiple runs) or face fixed with brackets.



# Pocket Door

Cavity wall system for wood doors up to 60kg

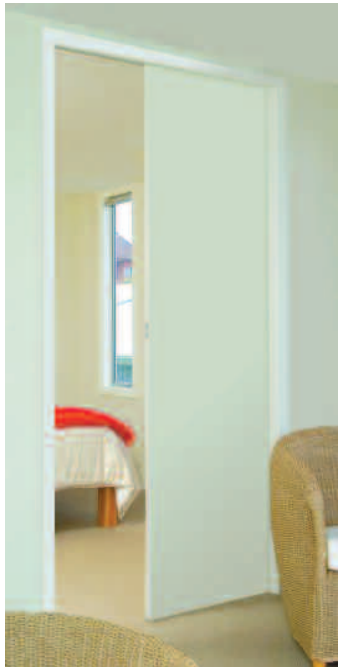
This easy to fit system is ideal for rooms where space is at a premium such as toilets, bathrooms and kitchens. The kits are available for doors up to 2315mm high and 930mm wide. They come complete with pre-assembled aluminium track and header assembly.

- For residential interior room dividers where the door slides into a wall cavity.
- Ideally suited to applications where space is at a premium such as toilets, bathrooms and kitchens.
- Doors can be completely concealed within the cavity.
- Simultaneous action unit available for bi-parting doors.

Easy and quick to install, all sets come complete with pre-assembled aluminium track and header assembly.

The Pocket Door uses the Husky sliding door gear system with aluminium track and fully adjustable floor guide.

Overall wall thickness with 12.5mm wall boards is 115mm.



# Low Headroom

For sliding timber doors up to 100kg

The installation kit is designed to create a modern minimalistic finish with all parts concealed reducing the gap between the doors and the track to up to 2mm.

- Designed to create a modern minimalist finish with all parts concealed.
- Can reduce the clearance between the track and the top of the door to 2mm.
- Vertically adjustable sliding door kit for low or restricted headroom applications.
- Used to maximise door height.
- Engineered for easy installation and adjustment.



# SIM 100

## Simultaneous action kit for bi-parting timber doors

This kit which can be retro fitted allows the simultaneous operation of two doors when used in conjunction with two Husky 50, Husky 100 or Pocket door kits.

- Designed to be used in conjunction with a pair of Husky 50, Husky 100 or Pocket Doors Kits (PDK range)
- For internal partition bi-parting timber doors
- This kit can be retro fitted to existing installations
- Ideal for pairs of doors opening in to pocket walls
- For use with either steel or aluminium Husky track
- Polypropylene coated cable for quiet operation
- Spring tension providing smooth operation
- Pulley wheels complete with bearings to provide reliable operation



# HENDERSON

PC Henderson has long been acknowledged as the world leader in the design and manufacture of quality Sliding Gear Systems.

The main advantage of using a sliding door is that it saves room space as the door does not require a swing space to open. Using sliding doors is therefore a practical and fashionable option where space is at a premium. Sliding doors also offer a touch of individuality to a room design.

Henderson systems are designed and engineered with particular attention to aesthetic appearance, smooth and silent operation and ease of installation.

[www.pchenderson.com](http://www.pchenderson.com)

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