



Sliding Door Gear

HENDERSON

An ASSA ABLOY Group brand

ASSA ABLOY

... design in motion

PC Henderson has long been acknowledged as the world leader in the design and manufacture of sliding and folding door hardware systems for residential, commercial and industrial applications.

Established in 1921, PC Henderson is based in Bowburn in North East England and has subsidiaries in Holland and Ireland. The company has a long established sales and distribution network in over 70 countries supported by Henderson's fully trained UK based technical sales team.

The company is committed to quality and is registered to BS EN ISO 9001: 2008 Quality Systems and Environmental Management Systems ISO 14001: 2004.

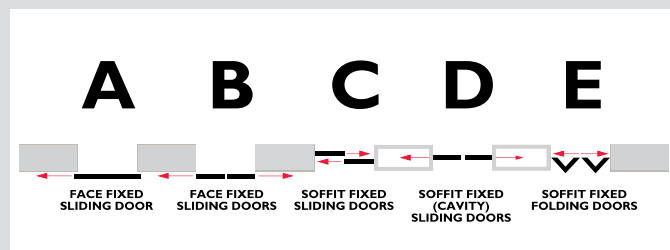
As part of ASSA ABLOY, South Africa, we are proud to offer the original Henderson Sliding Door Gear. All genuine Henderson, sold through an ASSA ABLOY representative, comes with a 10 Year Guarantee.



Contents

Domestic Hardware	
Straight Sliding	1
Folding	2
Commercial Hardware	
Straight Sliding	3
Folding	4
Multi Directional	5
Automated Door Systems	5
Glass Door Systems	
Straight Sliding	6
Folding	7
Multi Directional	7
Industrial Hardware	8
Bottom Rolling	8
Expert Services	9
Henderson Guarantee	9

Choosing your Henderson Sliding Gear in ten easy steps



Sliding doors

Sliding doors can be Face Fixed with single line of track which allows access to the full width of the opening - but you need wall space where the door(s) can park (A,B). Soffit Fixed with 2 lines of track which allows doors to by-pass each other, giving a partial opening (C). Soffit Fixed with single line of track for cavity installations (D).

Folding doors

Folding doors are normally Soffit Fixed where there is no wall space for the doors to slide to (E).

Pelmets

We recommend that you fix a pelmet the length of the track to cover the track and hangers when installed and to give a pleasing appearance to your sliding doors.

1 Determine application. Wardrobe, Cupboard, Cabinet, Room Divider.

2 Choose Sliding Doors (single doors) or Folding Doors (joined pair of doors).

3 Choose fixing method. Face Fixed (onto side of wall) or Soffit Fixed (into lintel or wall cavity).

4 Measure width of opening and determine track length

Face Fixed = width of opening x 2 (to allow for door parking space)

Soffit Fixed = width of opening

= width of opening x 2 (for cavity sliding doors)

5 Choose the doors and note material of door

6 Measure width and thickness of each door

Face Fixed note that the total width of all the doors should be slightly wider than the opening to prevent any gaps.

Soffit Fixed note that the total width of all the doors must be exactly equal to the width of the opening to allow proper closing.

7 Identify how many doors you need.

8 Identify the weight of each single door.

9 Choose correct Henderson Residential gear and kit number.

10 Fix your doors.

Domestic Hardware

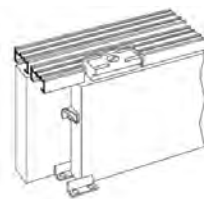
Straight Sliding

SLIPPER

Sliding cupboard doors up to 9kg

- For fitted furniture of all kinds eg kitchens, Bathrooms, serving hatches of lightweight wood or chipboard
- Quiet nylon slides on attractive aluminium track
- Easily top fixed
- Simple to remove doors for cleaning and decorating

max door weight		9kg
max door width		900mm
door thickness		16-30mm
kit	opening width	no. doors
SS4	max 1200mm	■ ——— ■
SS5	max 1500mm	■ ——— ■
SS6	max 1800mm	■ ——— ■

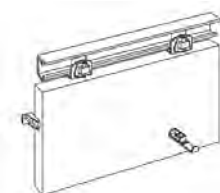


SENATOR

Sliding doors up to 30kg

- For entrance doors and doors between rooms
- For timber, timber framed or composite doors
- Silent - nylon guides and hangers on aluminium track
- Floor component - guide only

max door weight	30kg	
max door width	900mm	
door thickness	20-35mm	
kit	opening width	no. doors
SEN	max 900mm	



PHANTOM

Silent doors up to 45kg

- For room dividers - for residential, hospital and hotel use
- For timber, timber framed or composite doors
- Ultra silent, frictionless, easy operation
- Floor component - guide only
- Simultaneous action option

max door weight	45kg	
max door width	610-915mm	
door thickness	30-50mm	
kit	opening width	no. doors
P9	610-915mm	

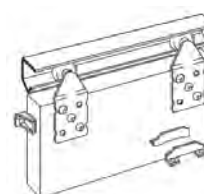


SINGLE TOP

Single track wardrobe doors up to 45kg

- For timber framed or composite doors
- Silent - nylon hangers and aluminium track
- Easily adjusted door height
- Floor component - guide only

max door weight	45kg	
max door width	900mm	
door thickness	16-40mm	
kit	opening width	no. doors
ST12	max 600mm	
ST15	max 750mm	
ST18	max 900mm	

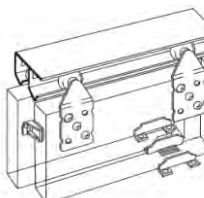


DOUBLE TOP

Double wardrobe doors up to 45kg

- For heavy duty applications - wardrobe, cupboards, in hotels, schools, hospitals and offices
- For timber, timber framed or composite doors
- Silent - nylon hangers and aluminium track
- Easily adjusted door height
- Floor component - guide with channel non-standard option

max door weight		45kg
max door width		900mm
door thickness		16-40mm
kit	opening width	no. doors
W12	max 1200mm	■  ■
W15	max 1500mm	■  ■
W18	max 1800mm	■  ■
W24	max 2400mm	■  ■

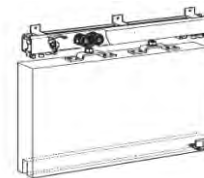


HUSKY 50 & 100

Silent wood doors up to 100kg

- For timber, timber framed, composite or metal doors
- For medium weight doors
- Quiet operation - galvanised steel or aluminium Track with nylon rollers
- Floor component - guide only
- Simultaneous action option
- Clip-on aluminium fascia available
- Low headroom kit available

max door weight	50kg/100kg		
max door width	1250mm		
door thickness	20-50mm		
kit	opening width	no. doors	
H50/15	max 800mm		
H50/18	max 950mm		
H50/20	max 1050mm		
H50/24	max 1250mm		
H100/15	max 800mm		
H100/18	max 950mm		
H100/20	max 1050mm		
H100/24	max 1250mm		



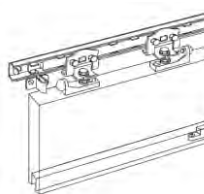
For aluminium kits add "A" to the end of the Code

MARATHON 55 & 90

Sliding doors up to 90kg

- Used for heavy-duty residential and light commercial applications, doors and partitions
- For timber, timber framed or composite doors
- Easily adjusted door height
- Can be used externally if gear is adequately protected against the weather
- Fire door kit option available

max door weight	55kg 90kg	
max door width	1500mm	
door thickness	32-50mm	
kit	opening width	no. doors
J2	400-750mm	
J3	750-900mm	
J4	900-1050mm	
J5	1050-1200mm	
J6	1200-1500mm	
S3	750-900mm	
S4	900-1050mm	
S5	1050-1200mm	
S6	1200-1500mm	



J = 55kg
S = 99kg

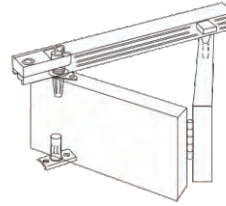
Domestic Hardware

Folding

BIFOLD

Fir folding wardrobe doors up to 14kg

- for timber, timber framed or composite doors
- stable and smooth running
- suitable for jambless openings
- silent and easy to fix - nylon spring-loaded guides with attractive aluminium top track
- leaves to fold back completely



specification

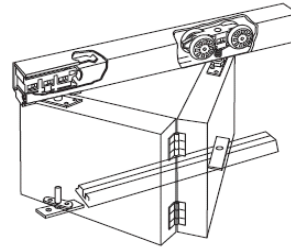
max leaf weight	14kg
max leaf width	530mm
leaf thickness	20-35mm
kit	opening width no. leaves
B10	max 1065mm
B15	max 1525mm
B20	max 2135mm
B25	max 2461mm



HUSKY FOLDING 25 & 40

Folding doors up to 40kg

- for timber, timber framed or composite doors
- for medium weight residential folding partitions
- neatly stacking at one or both sides
- concealed fixing
- floor components - channel (40kg only)
- pivots



max leaf weight	40kg
max leaf width	750mm
leaf thickness	20-40mm
kit	opening width no. leaves
HF25/12	max 1200mm
HF25/24	max 2400mm
HF40/15	max 1500mm
HF40/30	max 3000mm



SECUREFOLD

Folding doors up to 100kg

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

Securefold is the ultimate in exterior folding systems and opens up building design to a wealth of new possibilities. The Henderson Securefold System has been designed to maximise the flexibility of a room's living space, removing barriers and enabling the user to have an indoor/outdoor experience by fully opening up exterior walls.

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.

This modern, contemporary feature will increase available living space whilst allowing natural light to envelope a room.



Commercial Hardware

Straight Sliding

P C Henderson's commercial range of straight sliding door systems covers door weights up to 500kg. The products in this range have all been designed for high performance with particular attention to aesthetic appearance.

PACER STRAIGHT SLIDING

For Timber and Metal Doors up to 200kg

Combining performance and style with versatility, Pacer straight sliding for timber, aluminium or metal is ideally suited to the modern arena of shop fronts, offices and other stylish interiors.

- Clip-on Aluminium Fascia available

SIENNA STRAIGHT SLIDING

For Timber Doors up to 120kg

The straight sliding Sienna system is an elegant frameless timber door system that creates a minimalist look. It is designed to accommodate doors of 30-70mm thickness and a weight capacity of 120kg.

- Rollers are engineered to run effortlessly along a brushed stainless steel tubular track
- Stops are positioned on the track to limit the door travel

SOLTAIRE STRAIGHT SLIDING

For Timber and Metal Doors up to 250kg

Soltaire is a top hung straight sliding system designed to accommodate interior and exterior doors of one sliding panel or two bi-parting doors on a single track. Designed for door weights of up to 120kg, 180kg or 250kg the reliable system is extremely durable and ideal for coastal applications, heavy use or areas that require a high level of corrosion resistance.

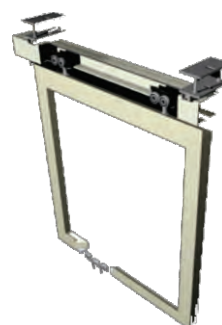
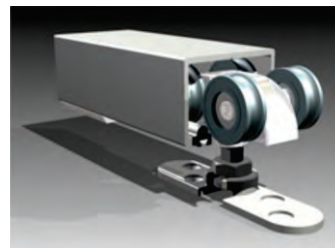
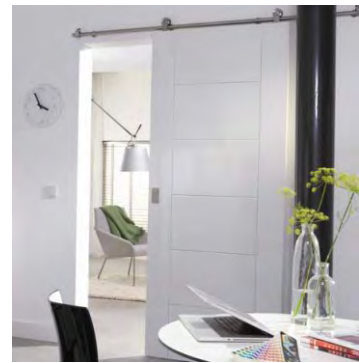
- Manufactured from high grade 316 stainless steel with anodised aluminum track.
- Hangers available for MDF (120kg only), timber or metal doors.
- The track can be soffit fixed or face fixed to give flexibility of installation.
- Low headroom kit available

FLEXIROL STRAIGHT SLIDING

For Top Hung Timber and Metal Doors up to 500kg

Henderson straight sliding Flexirol is ideally suited to hotels, conference centres, shop-fronts, showrooms or any site that requires high performance and attractive finish.

The main advantage of using a straight sliding system is that it saves room space, as the door does not require a swing or stacking space to open. Using straight sliding systems therefore makes perfect sense when space is at a premium. Sliding doors also offer a touch of individuality to a room design.



Commercial Hardware

Folding

All systems use high performance components that are extremely durable, ensuring a long, trouble-free operating life. When considering internal partition systems, specifiers are provided with the option of either centrefold or endfold configurations. To match the variety of materials used in modern day design, Pacer and Flexirol folding systems cater for doors of glass, timber or metal construction.

PACER INTERIOR CENTREFOLD

For up to 75kg

Top-hung Pacer gear and fittings for centre folding timber partition doors. Leaves are hung centrally and can fold to one or both sides. For applications hinged to the jamb, 3 1/2, 5 1/2 or 7 1/2 leaves can be used with the half-leaf hinged to the jamb. For best operation of floating units, 5, 7 or 9 leaves should be used. Any access door should be hinged separately to the jamb.

PACER INTERIOR ENDFOLD

For up to 75kg

Pacer Endfold offers both two-wheeled and four-wheeled hangers to cover a wide range of residential and commercial applications. Leaves can be hung to the left or the right of an opening, or hung as floating units. In applications using the fourwheeled hanger with an even number of leaves folding left and right meeting in the centre of the opening, an offset hanger (2IBO/4) is required.

FLEXIROL INTERIOR CENTREFOLD

For up to 125kg

Top-hung Flexirol gear and fittings for centre folding timber partition doors. Leaves are hung centrally and can fold to one or both sides. For applications hinged to the jamb, 3 1/2, 5 1/2 or 7 1/2 leaves can be used with the half-leaf hinged to the jamb. For best operation of floating units, 5, 7 or 9 leaves should be used. Any access door should be hinged separately to the jamb.

FLEXIROL INTERIOR ENDFOLD

For up to 125kg

Top-hung Flexirol gear and fittings for end folding timber partition doors. Leaves can be hung to the left or right of an opening or hung as floating units.

With the Pacer and Flexirol folding door systems, flexibility is the key. The range covers everything from internal folding partitions to exterior folding entrance ways.

They are ideal for applications such as shop fronts, hotels, conference centres and offices, where smooth action, high performance and aesthetics are important.



Commercial Hardware

The Henderson series of multi-directional door systems offers the designer unparalleled flexibility without compromising the practicality of the application. Flexirol offers two degrees of movement to provide this flexibility.

FLEXIROL 90°

For timber and aluminium doors up to 100kg

Lightweight partitions for internal and external applications requiring 90° movement.

FLEXIROL 135°

For timber and aluminium doors up to 500kg

Multidirectional Flexirol is ideally suited to hotels, conference centres, shopfronts, showrooms, and other applications that requires high performance and the flexibility of 135° movement

Multi-directional



Automated Door Systems

Evolve is a brand new range of exceptionally convenient and highly sophisticated automated systems that will help you make the most of our Husky range of sliding door equipment in any domestic or light commercial environment.

Doors can be of a flush, panelled or glazed construction. Evolve is perfect for a huge range of applications from enhancing a luxury property to providing entrance solutions for those with mobility problems. The system is also complemented by a choice of hardwired and wireless control options.

EVOLVE 80

For single doors up to 80kg

The Evolve 80 kit comes complete with all hardware and automated components for doors up to 1m wide.

EVOLVE 80 Sim

For bi-parting doors up to 80kg in total

The Evolve 80 Sim Kit comes complete with all hardware and automated components for doors up to 2m wide.

Evolve

Key Evolve features:

- Designed to fit in
- Easy to use
- Safe to operate
- Simple to install and maintain
- Built for safety



AUTOMATED COMPONENTS

Drive Unit - Tension Wheel - Drive Belt - Clutch - Power Unit - Manual Transmitter



Drive Unit



1 Channel = RC/I

OPTIONAL EXTRAS



Rocker Switch



Radio Motion Detector



Face Fix Fascia



Radar Motion Detector



Manual Transmitter



Soffit Fix Fascia

Refer to CD or www.henderson.co.za for full specifications

Glass Door Systems

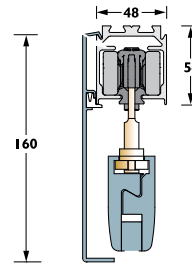
Straight Sliding

PACER | HUSKY

For sliding glass doors up to 180kg

The Pacer and Husky glass systems can accommodate both sliding and fixed door panels, making them ideal for interior dividers in offices and shops as well as more modern applications in new developments.

They have an additional purpose designed clip on fascia for both soffit fixed and face fixed applications.



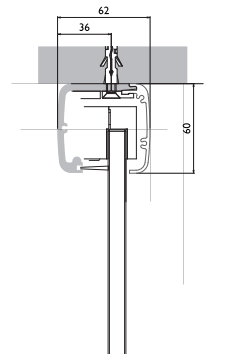
VELARO

For sliding glass doors up to 80kg

Velaro has been designed and tested for interior applications and features a concealed, smooth and quiet operating system thanks to its purpose built polymer rollers and brush strip within the track.

Ideal for soffit and face fixed installations; this single door system incorporates stylish design with unrivalled performance to create a modern and minimalistic finish, with all parts concealed within the track.

Fixed panel option available

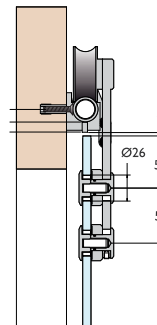


SIENNA

For sliding glass doors up to 120kg

This elegant frameless system creates a minimalistic look thanks to the modern design of the stainless steel hangers. Specialised rollers have been engineered to effortlessly run along a brushed stainless steel tubular track, enabling this system to be one of the most efficient on the market.

The system has been designed for use with applications requiring glass door to glass wall or glass door to solid wall fixings.

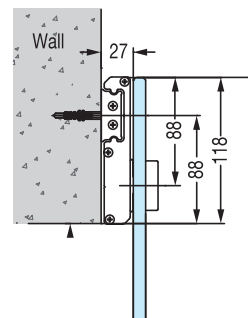


TELESLIDE

For sliding glass doors up to 60kg

Teleslide is a revolutionary telescopic single sliding glass door system, which allows the hardware to be assembled at the top of the door and installed on a corner wall.

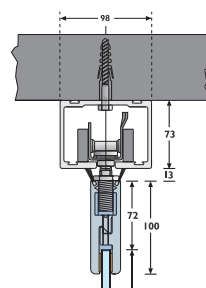
The system has been designed as a versatile solution for wall fixed single door left or right sliding applications and is available in an anodised silver finish.



FLEXIROL SLIDING

For sliding glass doors up to 500kg

Flexirol is a unique system ideally suited to large doors that require high performance as well as an attractive finish. It's an ideal product for hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount.



Glass Door Systems

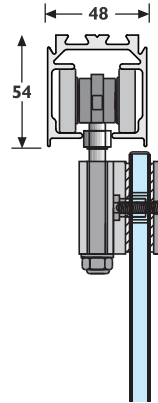
Folding

EASYFOLD

For folding glass panels up to 45kg

Easyfold is a system designed for both interior and exterior applications. Panels are connected using a system of glass hinges, to cover a wide range of applications.

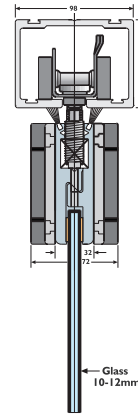
The hardware is available in four stylish finishes, white powder coat, polished anodised, silver anodised and black anodised to further enhance the aesthetic versatility of the product.



FLEXIROL FOLDING

for top-hung folding glass doors up to 125kg

Flexirol folding is a bespoke product suited to heavy glass panels, in both interior and exterior applications. Panels can either centre fold or end fold depending on the positioning of the hanger, within the full width profile. Flexirol profiles are available in a variety of finishes and made to measure with the necessary routing completed.



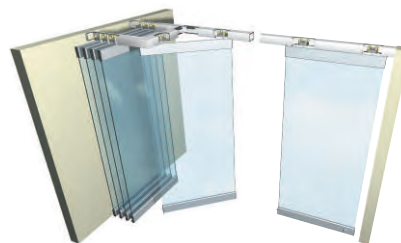
Glass Door Systems

Multidirectional

FLEXIROL MULTIDIRECTIONAL 90° & 135°

For top-hung glass doors up to 500kg

Flexirol Multidirectional is designed for glass panels, in residential or commercial environments requiring flexible movement options. The system is ideal for shop fronts, hotels, conference centres or internal room partitions and also benefits from a stacking formation, which allows the doors to be stored clear of the threshold.



Industrial Hardware

Industrial uses of hardware encompass those where function, durability and reliability are more important than aesthetics.

Common applications are doors used in:

- Factories and warehouses
- Farms and barns
- Sliding gates
- Fire doors
- Specific architectural uses such as shop fronts or aluminium framed glazed panels.

FOR SLIDING WOODEN & METAL DOORS

For doors up to 2000kg

For top-hung, straight sliding doors for commercial and industrial applications. Nine systems are available for door leaf weights up to 2000kg. Maximum door width and no. required depends on height, and the weight of door material.

The gear is suitable for single or multiple lines of track where the supporting structure is sufficient to bear the total door weight. Sterling bottom roller gear may be specified where support is insufficient. Any number of doors sliding to one or both sides may be specified. A wicket door may be incorporated for individual access requirements.

280	Max	50kg or 100kg
290	Max	150kg or 200kg
301	Max	300kg, 400kg or 450kg
305	Max	700kg
306	Max	2000kg

Straight Sliding 280-307

Non-door uses are also common, for example, industrial curtains, theatre scenery and over-head production lines.

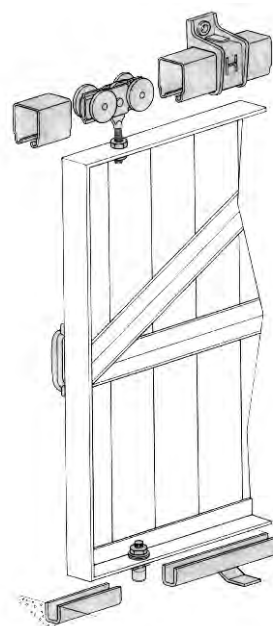
COMPONENTS

Components supplied include: support and jointing brackets; track; hangers; bottom channel; guides; full range of accessories.

Note:

Available in Stainless Steel

Folding systems available on request



Bottom Rolling

FOR SLIDING WOODEN & METAL DOORS

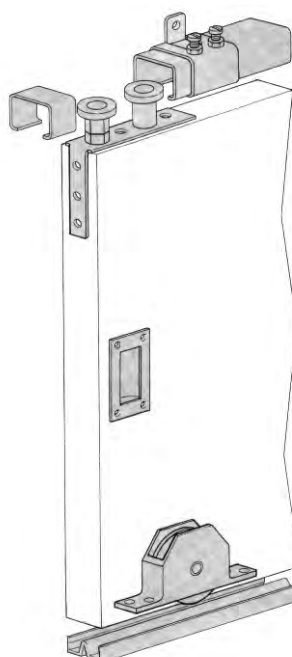
For doors up to 8000kg

Hendersons high quality bottom roller gear and fittings are ideally suited to applications ranging from high class joinery to heavy duty industrial doors.

Bottom roller gear is specified for doors up to 8000kg when there is insufficient support above the opening.

Mansion	Max	55kg or 170kg
Majestic	Max	270kg
Sterling	Max	225kg, 350kg, 800kg, 2000kg 3600kg or 8000kg

Straight Sliding



HENDERSON GUARANTEE

Henderson products purchased through an ASSA ABLOY approved dealer, are guaranteed for a period of 10 years from the date of purchase against mechanical faults arising from defects in materials or design. In the unlikely event of your Henderson product failing as a result of defective materials or design, P C Henderson Ltd will provide a free replacement product.

*Terms & Conditions apply



The EXPERT Service is based around the unique EXPERT specification software system developed by Henderson's Research and Development Department. Henderson's human experts will review your answers and the recommendations of the EXPERT software and provide you with a full specification and a no-obligation quotation for the system which in our opinion is best suited to your needs.

Tell me more about EXPERT Service

If you have a project where you would like to use sliding or folding door hardware use the FREE Henderson Expert Service to supply your bill of materials, quantities, prices and drawings.

Simply contact our Technical Sales Department and based on the answers you give to a series of questions (opening size, door size and weight etc.) We then specify the gear you require and you will receive a quotation from Henderson giving you a bill of materials and a list of the correct gear

- quantity
- price
- drawing
- fitting instructions

If you wish to make changes to your original specification, just contact us, we will find your original quotation, make the amendments and issue you with a revised quotation.

HENDERSON



...from your authorised Henderson dealer

HENDERSON

PC Henderson Limited

176 Progress Road, Technikon, Roodepoort

Website: www.henderson.co.za

Technical Sales Team

Tel: +27 (0) 11 761 5000 Fax: +27 (0) 11 766 3573

e-mail: za.henderson@assaabloy.com

For your nearest merchant call:

Johannesburg
+27 11 761 5000

Durban
+27 31 312 5151

Free State
+27 79 935 7208

Cape Town
+27 21 531 0770

Eastern Cape
+27 41 363 0113

Namibia
+264 61 311 400



Certificate Number 10845
ISO 9001: 2008
ISO 14001: 2004



INVESTOR IN PEOPLE



PC Henderson Limited
www.henderson.co.za

An ASSA ABLOY Group brand

ASSA ABLOY