

HENDERSON

g60

SECTIONAL GARAGE DOORS



Developed in Scandinavia, the g60 is a revolution in garage door design. From the outset, we designed this range of doors to be unique and to have more than just a pretty face. During 3 years of research, investigation and design work, we've listened to homeowners and garage door installers, safety professionals and security professionals to create a garage door which gives you more value for your money.

The g60 consists of horizontal panels which rise vertically then glide horizontally into the garage, requiring the minimum of effort to open and close. Created with the simplicity of good design, the Henderson g60 provides increased safety, more warmth and strength, more beauty and more space than other sectional doors in the same class.

Safety

The g60 has been created to be safe for all the family and is the first door designed from inception to meet the next generation of strict European Safety (CEN) standards.



Real Beauty

A beautiful skin featuring small triangular patterns and a handle which uses concepts from the automobile industry make the look of the g60 unique. There are 2 standard finishes available, fully finished White and fully finished Brown. Or, if you want your door supplied in a RAL colour of your choice, we can do that too.



More Space

The g60 gives you more of the 'daylight opening' to your garage, making life easier for owners of MPV and 4 wheel drive vehicles and ideal for garages where the roof is low.



GEORGIAN



RIBBED



STYLE

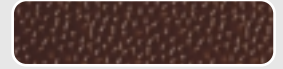


TREND

COLOURS & FINISHES

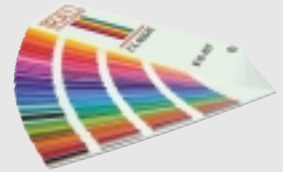


White



Brown

g60 sectional doors are available in a choice of fully finished White or Brown as standard. Both colours feature the unique g60 emboss detail.



All doors are available supplied in a RAL colour of your choice. All you need to do is provide the RAL number and we will factory paint your door in a 30% gloss finish to suit. All g60 doors are fully finished White on the inside.

DOOR CONSTRUCTION

Warmth and strength

g60 doors have an insulation thickness of 42mm, up to 100% more than other doors in the same class. This gives a strong, stable door panel with enough insulation for a Scandinavian winter.

To fully appreciate the g60, we recommend you experience the benefits of a remote control system, available at a special package price.

For more information on this and for full details of options and accessories available with the g60, freephone 0800 252 883 for a copy of the 12 page g60 brochure or download it from our website at www.pchenderson.com



Side entrances

When replacing your old garage door with a new g60, you can also update the side entrance door to the garage in a design to match; Style, Ribbed and Georgian.



Cross section of door panel



HENDERSON

GARAGE DOOR SECURITY

The security of property and possessions is important to every homeowner. At Henderson we understand the importance of providing garage doors with the highest level of protection. We insist on it being at the forefront of product design and fitted as standard with every door.



HENDERSON ROLLER DOOR SECURITY

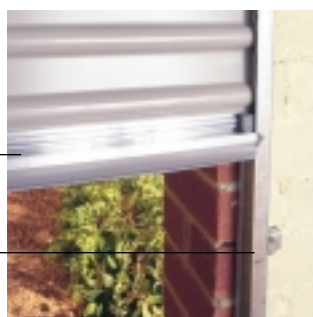
All Henderson roller doors are supplied with factory fitted dual locking bars which locate into full height steel running guides fixed to the garage wall on both sides of the door. A full width reinforced aluminium bottom rail provides additional strength to the door curtain.



Roller door dual locking bars

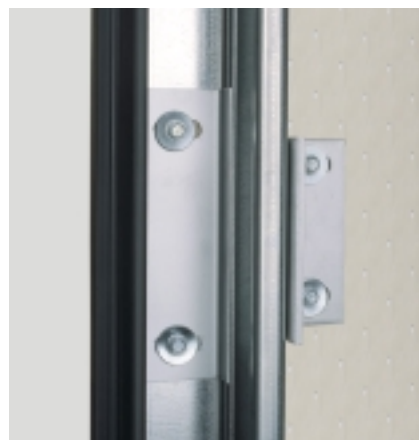
Full width reinforced aluminium bottom rail

Full height steel running guide



HENDERSON g60 SECTIONAL DOOR SECURITY

All Henderson g60 sectional doors are supplied with a spring rod mechanism which locates into the full height steel track fixed to the garage wall. A separate handle and eurocylinder lock mechanism give additional protection against attack.

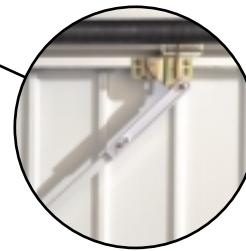


HENDERSON ONE-PIECE UP AND OVER DOORS

Henderson one-piece garage doors are supplied with a separate handle and eurocylinder lock (preventing attempted access by attacking a joint handle/lock mechanism) and factory fitted multi-point security as standard.

DOORS WITH CANOPY OPERATING GEAR

All doors with canopy operating gear are factory fitted with two point sprung lever action locking as standard.



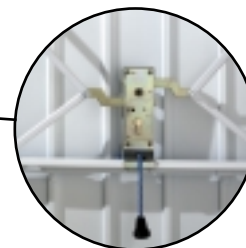
Henderson two point sprung lever action locking is factory fitted to all canopy doors, complete with anti-tamper plates.

DOORS WITH TRACKED AND OPTIMIZER OPERATING GEAR

All doors with tracked and Optimizer operating gear are factory fitted with four point sprung lever action locking as standard.



Henderson four point sprung lever action locking is factory fitted to all tracked and Optimizer doors.



A robust lock body featuring a separate handle and eurocylinder lock barrel, is factory fitted to all one-piece doors.

On doors with Optimizer operating gear, the top two locking points secure against the frame head. On doors with tracked operating gear, the top two locking points secure against the frame legs, as shown.

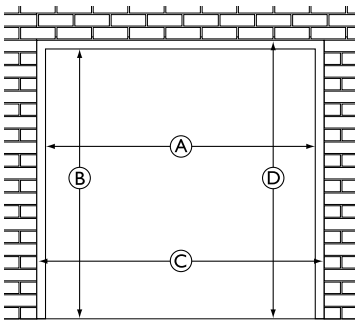
REMOTE CONTROL ELECTRIC OPERATION

A Henderson remote control garage door system can be added to your door, providing additional security as well as a touch of luxury. The motors used by Henderson Sprint, Marathon, Duo and Aperto systems feature self-inhibiting gearing. As it cannot be forced into reverse, a Henderson remote control system gives unbeatable resistance to any attempt to force the door open. There is even the unique facility to link a Henderson system to your house alarm.



THE RIGHT SIZE FOR YOUR HOUSE

Garage doors are not always straight forward to install and Henderson recommend that you use a recognised tradesperson to measure for and install your new door. To help you understand the size of a garage door which is right for your property, use the guidelines below.



Always measure from more than one point as brickwork or the timber frame may not be consistent.

Always ensure there is sufficient internal clearance in the garage for the door to be installed and operate fully.

Notes:

- The brickwork opening sizes for fitting a Henderson door in a metal frame 'within the brickwork opening' include a 5mm gap between each frame leg and the brickwork and a 10mm gap between the frame head and the brickwork.
- The brickwork opening sizes for fitting a Henderson door in a metal frame 'behind the brickwork opening' are based on the frame overlapping into the opening by 10mm on both sides to allow for brickwork. The minimum amount of overlap is 2.5mm each side and the maximum is 62.5mm each side (steel frame) and 40mm each side (narrow fit aluminium frame).

Henderson Frame Dimensions

Steel Frame: Single sized doors:
75mm wide on the legs, 70mm high on the head and 53mm deep all round.
Double sized doors: Depth 75mm on the legs, 70mm on the head. Available for all Premiere steel, GRP, timber doors and Castle steel doors (over 8' wide).

Narrow fit Aluminium Frame:
60mm wide on the legs, 70mm high on the head and 48mm deep all round. Standard for Castle steel doors up to 8' wide and available for special request 7066 and 7070 size canopy Premiere steel, GRP and timber doors.

All sizes are subject to manufacturing tolerances.

ONE-PIECE (UP AND OVER) DOORS

Up and over doors can be fitted either to a good quality timber frame or with a Henderson metal frame and can be fitted either within the brickwork opening or behind it. All door sizes are based on the inside frame dimensions. For example, if a door is said to be 7'0" (2134mm) wide, this measurement is actually the distance between the inside edges of the frame legs. The door itself is narrower and shorter than the inside frame sizes so that the door has the necessary clearance to pass through the opening. In all instances, quote the inner frame size, not the measurements of any existing door.

To fit an unframed Henderson Door to an existing timber frame:

Ensure the existing frame is sound, square and secure and the timber is the recommended size of 76mm x 76mm (3"x3"). The minimum headroom and sideroom required is 70mm and 57mm respectively for doors with canopy gear, 38mm and 70mm respectively for doors with tracked gear and 38mm and 60mm respectively for doors with Optimizer gear. To find the right size, measure timber to timber (A) and floor to timber (B)

To fit a framed Henderson Door within the brickwork opening:

If the door is to be fitted with a Henderson metal frame, measure brickwork to brickwork (C) and floor to brickwork (D). For doors with a steel frame (Premiere steel, GRP, timber doors and Castle steel doors over 8' wide), subtract 160mm from the opening width and 80mm from the opening height to allow for the frame. For doors with a narrow fit aluminium frame (Castle steel doors up to 8' wide and special request 7066 and 7070 canopy doors in all ranges) subtract 130mm from the width and 80mm from the height.

To fit a framed Henderson door behind the brickwork opening:

Measure brickwork to brickwork (C) and inside floor to brickwork (D). Subtract 20mm from the opening width to allow for variations in the brickwork.

BRICKWORK OPENING SIZES FOR COMMON SIZED DOORS WITH A HENDERSON METAL FRAME

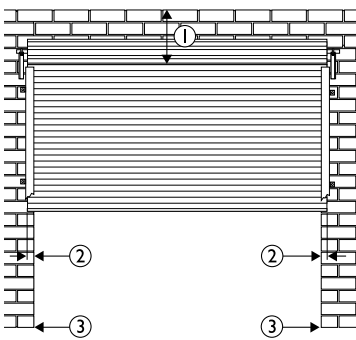
All sizes shown are for the Henderson steel frame. For the Henderson narrow fit aluminium frame, subtract 30mm from C and 30mm from E.

'Note: Castle Steel York, Rochester, Arundel and Stirling designs are not available to order where 'inner frame' dimension falls between or includes sizes from 2439mm to 2634mm wide.'

Order Number	Inner frame size		Outer frame size		Brickwork opening size if fitted within the opening		Brickwork opening size if fitted behind the opening	
	A Width	B Height	C Width	D Height	E Width	Height	Width	Height
6666	1981 (6'6")	1981 (6'6")	2131	2051	2141	2061	2001	1981
6670	1981 (6'6")	2134 (7'0")	2131	2204	2141	2214	2001	2134
7066	2134 (7'0")	1981 (6'6")	2284	2051	2294	2061	2154	1981
7070	2134 (7'0")	2134 (7'0")	2284	2204	2294	2214	2154	2134
7666	2286 (7'6")	1981 (6'6")	2436	2051	2446	2061	2306	1981
7670	2286 (7'6")	2134 (7'0")	2436	2204	2446	2214	2306	2134
8066	2436 (8'0")	1981 (6'6")	2588	2051	2598	2061	2458	1981
8070	2436 (8'0")	2134 (7'0")	2588	2204	2598	2214	2458	2134
9066	2743 (9'0")	1981 (6'6")	2893	2051	2903	2061	2763	1981
9070	2743 (9'0")	2134 (7'0")	2893	2204	2903	2214	2763	2134
1466	4267 (14'0")	1981 (6'6")	4417	2051	4427	2061	4287	1981
To work out a size not shown use this formula	Steel Frame		= A+150mm	= B+70mm	= C+10mm	= D+10mm	= A+20mm	= B
	Aluminium Frame		= A+120mm	= B+70mm	= C+10mm	= D+10mm	= A+20mm	= B

ROLLER GARAGE DOORS

Henderson roller garage doors are designed to fit behind the brickwork opening and to overlap the brickwork slightly in width. To order the size of your Henderson roller door, follow these 3 steps:



Series A = Doors to 3710mm wide
Series AA = Doors over 3760mm wide

1. The headroom required from the top of the opening to any obstruction or the underside of the ceiling/rafters is 420mm.

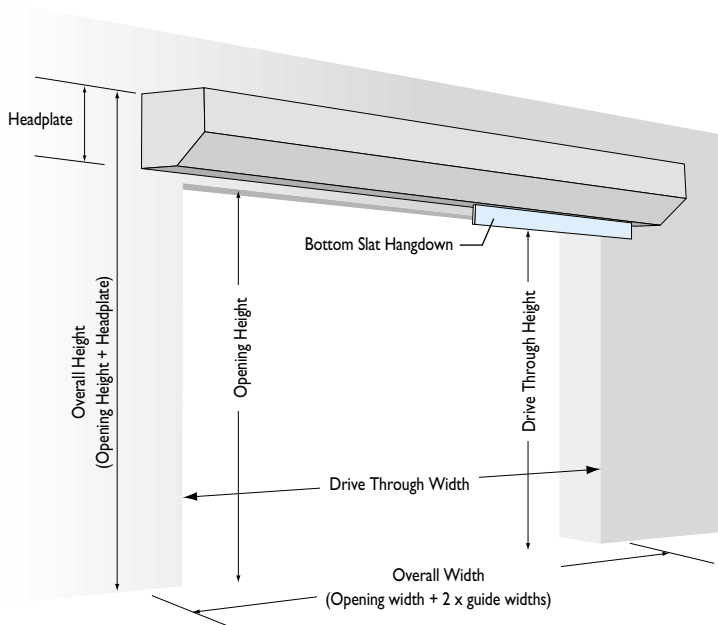
A headroom as low as 300mm can be used, but the underside of the rolled up door will show when the door is in the open position. Headroom clearance must extend for a minimum of 450mm back from the opening.

2. The door should overlap the opening on each side by: Series A:25mm, Series AA:50mm. Therefore to specify the opening width, state the opening + 50mm (Series A) or opening + 100mm (Series AA). State the height from inside floor to underside of the brickwork.

3. The minimum sideroom required between the opening and the side wall of the garage at each side is 100mm. For remote controlled doors, add an extra 25mm on each side.

INSULATED ROLLER AND COMPACT INSULATED ROLLER GARAGE DOORS

Henderson insulated roller garage doors are designed to be installed either within the garage opening, in front of the garage opening or behind the garage opening.



INSULATED ROLLER	COMPACT INSULATED ROLLER
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MINIMUM & MAXIMUM OVERALL DOOR SIZING

	MIN	MAX
Height	1800mm	4000mm
Width	1240mm	5400mm

	MIN	MAX
Height	1800mm	3000mm
Width	1240mm	3800mm

HEADPLATE SIZES

Door Overall Height	Headplate Size
up to 2050mm	250mm
up to 3000mm	300mm
up to 4000mm	360mm

Door Overall Height	Headplate Size
up to 2250mm	205mm
up to 3000mm	250mm

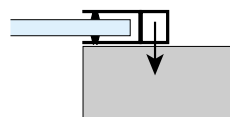
GUIDE SECTION SIZES

	A	B
Standard	90mm	35mm
Optional	*75mm	35mm
Optional	150mm	35mm

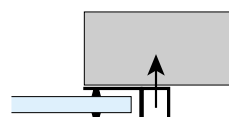
	A	B
Standard	75mm	35mm

Bottom slat hangdown max. 55mm

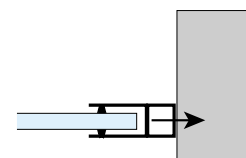
*75mm wide guide is not available for Insulated Roller doors over 3m high.



Door installed to the inside brickwork



Door installed to the outside brickwork



Door installed within the door opening

NOTES:

- Doors can be installed either within the garage opening, in front of the garage opening or behind the garage opening (see illustrations above).
- If fitting the door drum externally, a full box must be used to cover the drum and the motor.
- When ordering a door, please use the dedicated order form and current price list. Copies are available free by phoning 0800 252883 or can be downloaded from www.pchenderson.com.

g60 SECTIONAL GARAGE DOORS

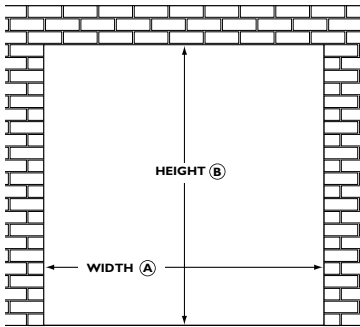
The Henderson g60 sectional door can be fitted either to a good quality timber frame or direct to sound brickwork and can be fitted either within or behind the brickwork opening. If fitted within the brickwork opening, the door must be fitted to a timber frame.

To fit a g60 door behind the brickwork opening

Measure the brickwork opening width (A) and height (B). Ensure you have adequate sideroom, headroom and clear space (depth) into the garage. The space required is determined by the operating gear chosen. See the table below for details of the operating gear options.

To fit a g60 door to a timber frame within the brickwork opening

Measure the brickwork opening width (A) and height (B). Subtract the required side and headroom (as shown below) and install a timber frame to suit. For example, a door with standard tension gear will require a timber frame of minimum nominal 3"x3" (70mm x 70mm) for the frame legs and 6"x 3" (150mm x 70mm) for the frame head.



SIDEROOM/HEADROOM REQUIRED AND DEPTH OF TRAVEL INTO GARAGE					
Operating gear	Sideroom (mm)	Headroom (mm)		Depth into garage (mm)	
		Manual	Automatic	Manual*	Automatic
Tension	80	150	150	opening height (B) + 700mm	B ≤ 2250 = 3350 B ≥ 2375 = 4450
Tension (low headroom)	120	100	120	opening height (B) + 750mm	B ≤ 2250 = 3350 B ≥ 2375 = 4450
Torsion front	80	200	200	opening height (B) + 700mm	B ≤ 2250 = 3350 B ≥ 2375 = 4450
Torsion rear (low headroom)	80	100	120	opening height (B) + 800mm	B ≤ 2250 = 3350 B ≥ 2375 = 4450

* when opening height is 1900mm, add on an extra 100mm

g60 SIDE ENTRANCE DOORS

DOOR CODE	ORDER SIZE (mm) WIDTH x HEIGHT	OUTSIDE FRAME SIZE (mm) WIDTH x HEIGHT	PASS THROUGH OPENING (mm) WIDTH x HEIGHT	BRICKWORK OPENING SIZE (mm) IF FITTED BEHIND THE OPENING - WIDTH x HEIGHT				BRICKWORK OPENING SIZE (mm) IF FITTED WITHIN THE OPENING
				INWARD OPENING DOOR		OUTWARD OPENING DOOR		
				MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	
T2	1000 x 2000	1136 x 2068	941 x 1980	1000 x 2000 - 1090 x 2045		1046 x 2023 - 1126 x 2063		1156 x 2078
T3	875 x 2125	1011 x 2193	816 x 2105	875 x 2125 - 988 x 2170		921 x 2148 - 1006 x 2188		1031 x 2203
T4	875 x 2000	1011 x 2068	816 x 1980	875 x 2000 - 988 x 2045		921 x 2023 - 1006 x 2063		1031 x 2078
T5	1000 x 2125	1136 x 2193	941 x 2105	1000 x 2125 - 1090 x 2170		1046 x 2148 - 1126 x 2188		1156 x 2203

Door sets are available in made to measure sizes from 850mm wide to 1250mm wide and from 2003mm high to 2203mm high. These sizes refer to overall door and frame dimensions. To find door size, subtract 136mm from the width and 68mm from the height.

PASS THROUGH OPENING

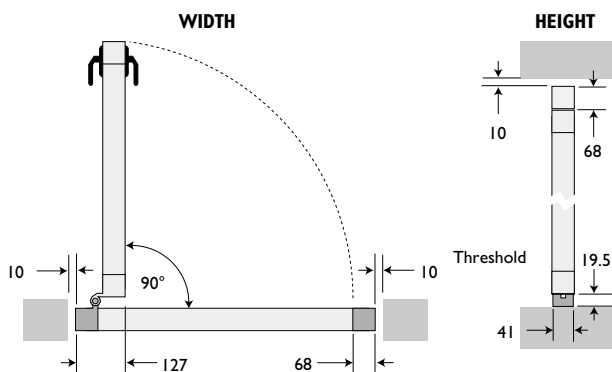
WIDTH = OUTER FRAME SIZE - 195mm (127mm + 68mm)

HEIGHT = OUTER FRAME SIZE - 88mm (68mm + 19.5mm)

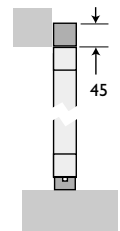
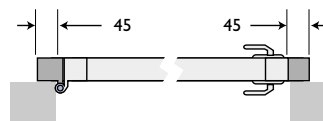
FRAME CLEARANCE RECOMMENDED

(FITTED WITHIN THE BRICKWORK OPENING)

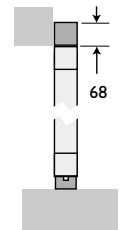
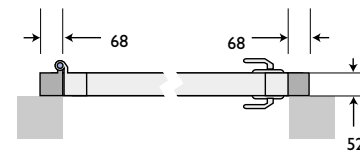
WIDTH 20mm - HEIGHT 10mm



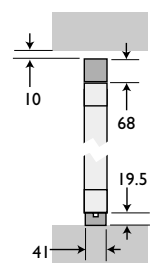
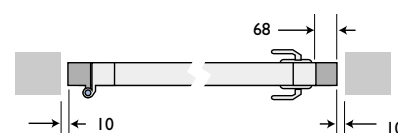
FITMENT BEHIND THE OPENING: OUTWARD OPENING DOOR



FITMENT BEHIND THE OPENING: INWARD OPENING DOOR



FITMENT WITHIN THE OPENING:

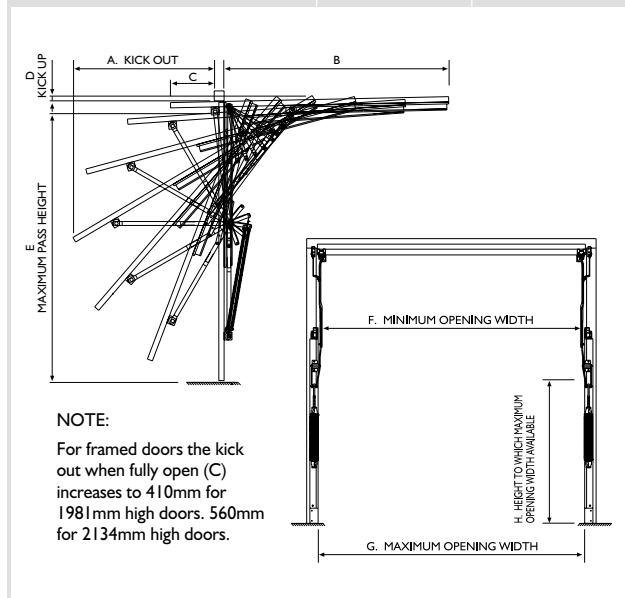


OPERATING SPECIFICATIONS

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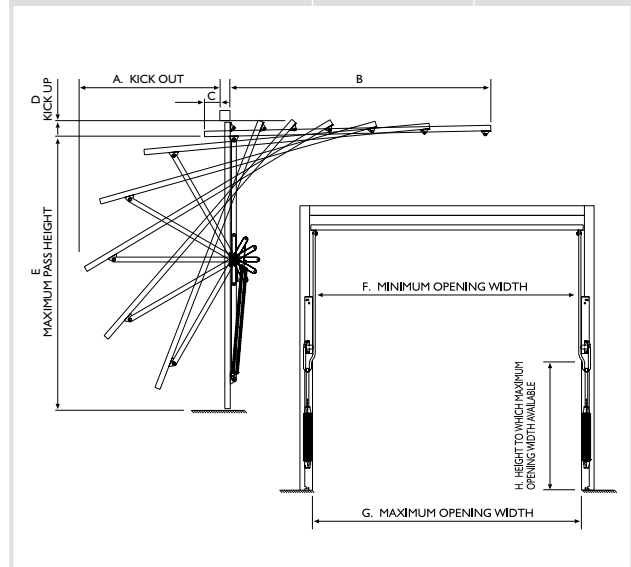
DOORS WITH OPTIMIZER GEAR

	1981mm (6'6") high door	2134mm (7'0") high door
A : Kick out	940mm	1070mm
B : Depth into garage	1702mm	1702mm
C : Door kick out when fully open	290mm	440mm
D : Kick up	39mm	39mm
E : Maximum drive through height	1820mm	1970mm
F : Minimum opening width	Door opening width -92mm	
G : Maximum opening width	Door opening width -30mm	
H : Height to which maximum opening width available	983mm	1135mm

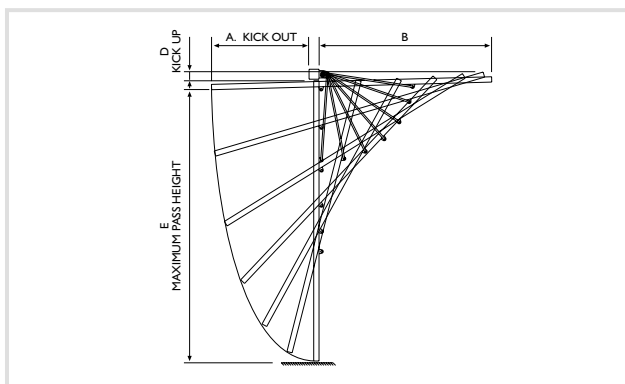


DOORS WITH TRACKED GEAR

	1981mm (6'6") high door	2134mm (7'0") high door
A : Kick out	944mm	998mm
B : Depth into garage	1743mm	1920mm
C : Door kick out when fully open	138mm	114mm
D : Kick up	11mm	10mm
E : Maximum drive through height	1801mm	1954mm
F : Minimum opening width	Door opening width -88mm	
G : Maximum opening width	Single door opening width -45mm Double door opening width -124mm	
H : Height to which maximum opening width available	982mm	1058mm



DOORS WITH CANOPY GEAR



	1981mm (6'6") high door	2134mm (7'0") high door
A : Kick out	583mm	735mm
B : Depth into garage	1300mm	1300mm
C : Door kick out when fully open	See A: kick out	See A: kick out
D : Kick up	66mm	66mm
E : Maximum drive through height	1826mm	1900mm

Note: Minimum opening width for canopy doors is door opening width -50mm.

HENDERSON

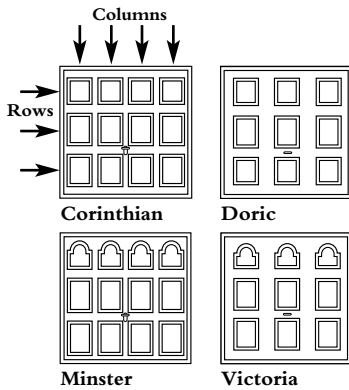
DESIGN DETAILS

FOR PANELLED DOORS

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PREMIERE STEEL DOORS

Premiere steel doors have three rows of embosses. The number of columns increases with the width of the door.



	Inner frame size (width) mm	Number of columns	Total number of embosses (columns x 3)
Corinthian/Minster	1829 - 2079	3	9
	2080 - 2586	4	12
	2587 - 3093	5	15
	3094 - 3600	6	18
	3601 - 4107	7	21
	4108 - 4614	8	24
Doric/Victoria	4615 - 4877	9	27
	1829 - 2588	3	9
	2589 - 3599	5	15
	3600 - 4877	7	21

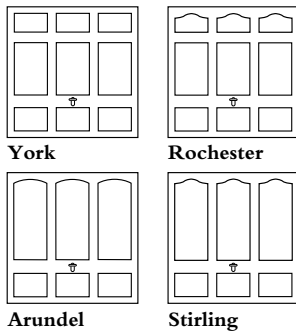
Emboss sizing: Premiere steel, Doric/Corinthian		
	Width (mm)	Height (mm)
Top	406	434*
Middle	406	522
Bottom	406	434*

Emboss sizing: Premiere steel, Victoria/Minster		
	Width (mm)	Height (mm)
Top	406	432
Middle	406	434**
Bottom	406	434**

*Doors over 2286mm high = 522 **Doors over 2050mm high = 522

CASTLE STEEL DOORS

York and Rochester Castle steel doors have three rows of embosses. Arundel and Stirling have two rows of embosses. The number of columns increases with the width of the door.



	Inner frame size (width) mm	Number of columns	Total number of embosses		Number of infill strips
			York/Rochester	Arundel/Stirling	
Castle steel doors	1930 - 2134	3	9	6	-
	2135 - 2286	3	9	6	2
	2287 - 2438	3	9	6	2
	2625 - 2774	4	12	8	1
	2775 - 3063	4	12	8	3
	3180 - 3351	5	15	10	-
	3352 - 3691	5	15	10	2
	3885 - 4267	6	18	12	1

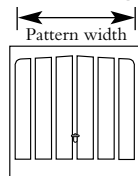
Emboss sizing: Castle steel, York/Rochester		
	Width (mm)	Height (mm)
Top	500	310
Middle	500	690
Bottom	500	500

Emboss sizing: Castle steel, Arundel/Stirling		
	Width (mm)	Height (mm)
Top	500	1120
Bottom	500	500

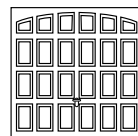
York, Rochester, Arundel and Stirling designs are not available to order where 'inner frame' dimension falls between or includes sizes from 2439mm to 2634mm wide.

GRP DOORS

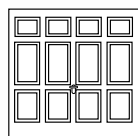
GRP doors are hand made using moulds to create the door panel styling. All door sizes are shown in imperial.



Abbey



Ashton

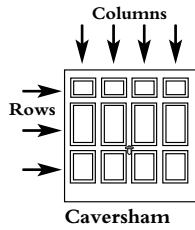


Consort

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Number of columns
From	To	From	To	Min	Max		
7'0"	9'6"	6'6"	7'6"	2.56"	17.5"	1985	6
9'7"	11'10"	6'6"	7'6"	3.93"	17.10"	2719	8
11'11"	13'11"	6'6"	7'6"	3.9"	15.9"	3415	10
14'0"	15'0"	6'6"	7'6"	2.69"	8.7"	4111	12

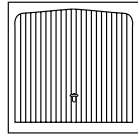
Door Width		Door Height		Border (per side)		Pattern Width (mm)	Columns x rows (width x height)
From	To	From	To	Min	Max		
7'0"	8'0"	6'6"	7'6"	3.64"	9.62"	1930	6 x 4
14'0"	14'0"	6'6"	7'0"	4.88"	4.88"	4000	12 x 4
14'0"	15'0"	6'6"	7'6"	3.93"	10.80"	3990	12 x 4

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Columns x rows (width x height)
From	To	From	To	Min	Max		
7'0"	8'6"	6'6"	7'6"	4.23"	13.22"	1900	4 x 3
8'7"	10'0"	6'6"	7'6"	3.68"	12.19"	2410	5 x 3
10'1"	11'11"	6'6"	7'6"	2.84"	14.33"	2910	6 x 3
12'0"	13'6"	6'6"	7'6"	5.07"	14.07"	3400	7 x 3
13'7"	15'0"	6'6"	7'6"	4.05"	12.60"	3915	8 x 3



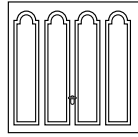
Caversham

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Columns x rows (width x height)
From	To	From	To	Min	Max		
7'0"	8'6"	6'6"	7'6"	4.23"	13.22"	1900	4 x 3
8'7"	10'0"	6'6"	7'6"	3.68"	12.19"	2410	5 x 3
10'1"	11'11"	6'6"	7'6"	2.84"	14.33"	2910	6 x 3
12'0"	13'6"	6'6"	7'6"	5.07"	14.07"	3400	7 x 3
13'7"	15'0"	6'6"	7'6"	4.05"	12.60"	3915	8 x 3



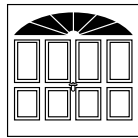
Cumberland

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Number of panels wide
From	To	From	To	Min	Max		
7'0"	8'5"	6'6"	7'6"	3.64"	12.13"	1930	24
8'6"	10'0"	6'6"	7'6"	3.18"	12.18"	2410	30
10'1"	11'6"	6'6"	7'6"	3.23"	11.73"	2890	36
11'7"	12'9"	6'6"	7'6"	3.14"	10.14"	3352	20 + 20
12'10"	13'10"	6'6"	7'6"	4.34"	10.34"	3672	22 + 22
13'11"	15'0"	6'6"	7'6"	4.54"	11.04"	3992	24 + 24



President

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Number of panels wide
From	To	From	To	Min	Max		
7'0"	8'6"	6'6"	7'6"	3.64"	12.60"	1930	4
13'10"	15'0"	6'6"	7'6"	4.35"	11.40"	3960	8



Solstice

Door Width		Door Height		Border (per side)		Pattern Width (mm)	Columns x rows (width x height)
From	To	From	To	Min	Max		
7'0"	8'6"	6'6"	7'6"	3.93"	13.38"	1900	4 x 2 (1 sunrise)
13'6"	15'0"	6'6"	7'6"	3.93"	13.38"	3900	8 x 2 (2 sunrises)

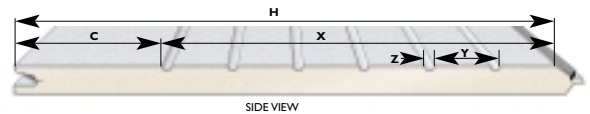
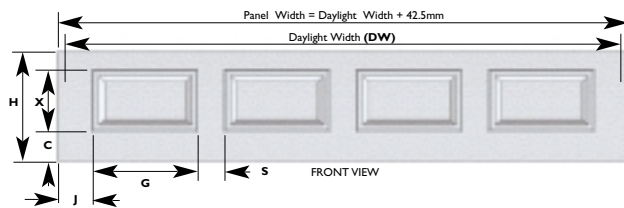
g60 SECTIONAL DOORS

GEORGIAN DOOR - PANEL DETAILS

(H) PANEL HEIGHT	(DW) DAYLIGHT WIDTH mm	NUMBER OF EMBOSSES	(A) END SPACING	(S) LAND SPACING	(X) EMBOSS HEIGHT	(G) EMBOSS WIDTH	(C) BOTTOM SPACING
See number of panels by door height	1800-2399	3	Min 71mm Max 231mm	Min 100mm Max 200mm	310mm	500mm	Min 91mm Max 151mm
	2400-3099	4					
	3100-3649	5					
	3650-4249	6					
	4250-5000	7					

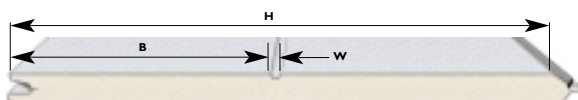
RIBBED DOOR - PANEL DETAILS

(H) PANEL HEIGHT	NUMBER OF RIBS	(X) RIBBED AREA	(Y) SPACE BETWEEN RIBS	(Z) RIB WIDTH	(C) BOTTOM SPACING
See number of panels by door height	6	300mm	58mm	9mm	Min 113mm Max 156mm



TREND DOOR - PANEL DETAILS

(H) PANEL HEIGHT	NUMBER OF RIBS	(W) RIB WIDTH	(B) BOTTOM SPACING
See number of panels by door height	1	9mm	Min 216mm Max 259mm



NUMBER OF PANELS BY DOOR HEIGHT

DOOR HEIGHT (mm)	NUMBER OF PANELS	PANEL HEIGHT (mm)
3000	6	483
2800	5	545
2650	5	514
2500	5	483
2375	5	458
2250	4	545
2125	4	514
2000	4	483
1900	4	458

PRODUCT GUARANTEE INFORMATION

1. GARAGE DOORS AND REMOTE CONTROL SYSTEMS

Garage doors and remote control systems are warranted for a period of two years from the date of installation (see General Conditions 2) against defective manufacture for both materials and workmanship, subject to the General Conditions stated below.

If the product has a Plastisol steel outer surface, that surface is warranted for a total period of ten years as standard, subject to the General Conditions stated below.

In the event that warranty service is required, you should immediately contact the retailer from whom the product was purchased.

GENERAL CONDITIONS

1. The product must be used solely for the purpose for which it was designed and must not be modified in any way without prior written permission.
2. All claims under this guarantee must be made as soon as possible through the retailer or supplier from whom the goods were purchased and must be accompanied by an invoice or other recognised commercial document showing the date at which the guarantee commenced. The date of installation will normally be taken as the date of purchase except where a door is part of a newly built property where the guarantee will commence from the date of first occupation provided the delay between installation and occupation is of a reasonable duration.
3. All Henderson garage doors and associated products must have been installed maintained and serviced in accordance with the user care and maintenance instructions and installation instructions provided. In particular, all pivot points, bearings, springs and rollers (not tracks) on doors should be oiled regularly and at least every six months. Certain Henderson steel and timber doors are supplied in a "primed" state. These doors must be "finished" as stated in the 'caring for your garage door' instructions immediately after installation. Because of the wide range of such paints and finishes that are available, this warranty does not apply to any finish applied after shipment. In addition all doors should have their surfaces maintained and/or cleaned in accordance with these instructions at regular intervals and must have adequate air circulation and drainage to allow rainwater to clear.

4. During the period of this guarantee the product must be subject to regular inspection for general wear and tear as well as correct operation by a competent person such as a trained garage door installer. Please note that repairs made by a non-competent person will invalidate this warranty.

5. Subject to these conditions Henderson will repair or replace the product or components at its discretion. Any replaced product or component will become the property of P C Henderson Ltd.

6. The maximum liability under this warranty shall be the purchase price, including Value Added Tax, prevailing when the product was purchased. It does not cover consequential damage, nor does it cover damage arising from incorrect handling, storage, installation or use, and impact or mechanical damage caused on or after delivery.

7. Corrosion, discolouration and other effects arising from elements within the building or from abnormal pollution or contact with bird droppings or aggressive fumes, chemicals or other such like environments are also excluded.

The guarantee under this warranty does not cover wear and tear on either the product or its component parts

8. It is a fundamental condition of this guarantee that the product has been installed, maintained and serviced correctly and is used solely for the purpose for which it was designed. Incorrect installation, maintenance and service will invalidate this warranty, as will the use of spares not supplied by Henderson. The 'caring for your garage door' instructions are supplied with the door.

9. Any claim made under this guarantee relating to a garage door must be accompanied by the information shown on the information label that is normally attached to the door. This information will be needed when making a claim.

10. Henderson products are sold subject to its Standard Terms and Conditions of Sale. This guarantee shall only apply to goods sold against these Conditions and after 1st May 2002.

All guarantees only apply to products, components and parts supplied by this company.

U.K. Customer Services Department

Consumer enquiries: 0871 226 8335 - Trade enquiries: 0191 3777 333 - Facsimile: 0191 377 2972

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A company in the Cardo Group