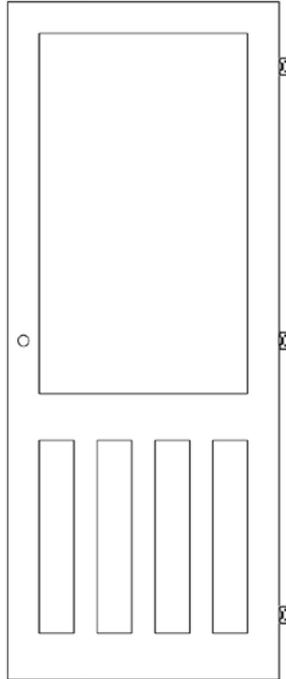


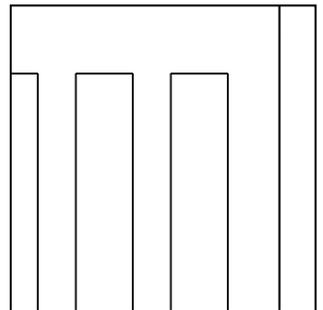
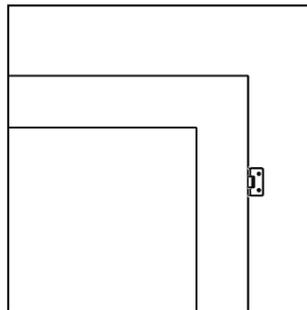
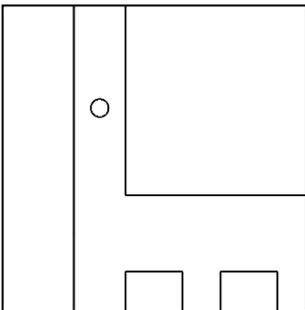


# **Hills® Premium Timber Screen Door**

## **Product Guide**



**TO SUIT MODEL:  
Manhattan Style Door**



## Congratulations

Congratulations on the purchase of your **Hills Premium Timber Screen Door**, built to provide you with years of trouble free service, provided it is installed and maintained correctly.

The Hills Timber Screen Door is easy to install by a handyman using 'everyday' tools and has been designed to suit common doorways.

Installation generally takes about one hour, so please take time to read this Product Manual to help you achieve a professional result. Thank you for choosing Hills.

### Carton Contents

Part Name	Qty.
Door	1
Fly Screen	1
Batten 1135mm	2
Batten 624mm	2
Batten 670mm	4
Door Knob	2
Barrel Bolt	1
Barrel Bolt Plate	1
Magnetic Catch	1
Magnetic Catch Plate	1
Hinge	3
Hinge Screws	15
Door Knob Screws	2
Barrel Bolt/Plate Screws	6
Magnetic Catch Screws	2
Magnetic Catch Plate Screws	2
Brad Nails	40

### Door Size

Door Dimensions	Fits Door Frames
820mm Wide	826mm Wide Max
2040mm High	2048mm High Max
21mm Thick	25-30mm Deep

### Doorway

This door is supplied ready to fit standard metric dimensioned doorways.

Being a solid timber frame you can trim/ plane the door to the required size you have calculated.

### Note:



Once this door has been pulled-out from its packaging, carefully remove the 4 x wooden packing blocks from each corner and discard them safely.

## Installation

There are several easy steps to installing your Hills Timber Screen Door.

### Step 1 – Preparation

Ensure you have all the tools and fasteners you will need. Tools you may need:

- Pencil
- Ruler
- Tape measure
- Utility knife
- Screwdriver – Philips No. 2
- Set square
- Spirit level
- Small wedges or spacers
- Hammer
- Chisel (sharp)
- Electric drill
- Drill bits
- Wood plane
- Hacksaw
- Staple gun
- Scissors

### Note:

Suitable screws to mount the hardware for this door to your existing door frame are supplied.



If you believe they are not appropriate for your door frame, consult your hardware store for advice.

If you have any doubt or are unsure about hanging this door, prior to starting we suggest you contact an installer or appropriate tradesman to assist.

These instructions are an assembly 'guide' only as all door frames, materials and construction may differ.



### Warning

- When using power tools always ensure they are connected to an approved earth leakage protected power supply.
- Do not use 240 Volt power tools outdoors if it's raining or the job site is exposed to rain or water.
- Always wear protective safety equipment (goggles or safety glasses) when using power tools and ensure that loose items of clothing, hair and jewellery are retained.
- Clear the work area of any potential hazards before commencing work.

## Step 2 – Measuring your door

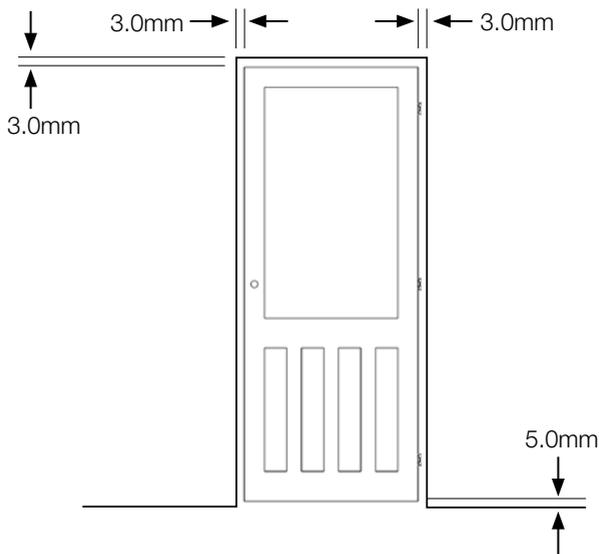
- 2.1** These installation details are a guide and suggested method only.
- 2.2** Determine your door frame size. Measure the height of your door frame on both the left and right hand sides. Then measure the width of the door frame at both the top and bottom of the door frame. By taking multiple measurements you can determine not only the size of your frame but if it is out of square.



If your door does not fit properly and/or your frame is 'out of square', we recommend you contact an installer, carpenter or trained professional.

- 2.3** Determine the size of your door. We recommend having 3mm of clearance on both the side edges and top of the door (**Fig. 1**). At the bottom we suggest a 5mm gap. Taking into consideration the measurements of your door frame, calculate the size of your doors.

**Fig. 1**



- 2.4** Being a solid timber frame you can trim/plane the door to the required size you have calculated.

### Step 3 – Finishing your door

Hills advises that the door must be treated to maintain its appearance and performance. The door is supplied in raw finish and must be painted, stained or varnished with a suitable coating treatment prior to installation. Hills' Express Warranty is void if the door is installed untreated.

**3.1** Before you hang your door we recommend that you finish the door and all other timber components before the fly screen and hardware are fitted.

**3.2** If you choose to keep the timber look of the door we recommend treating the door components with a suitable varnish or external sealer to prevent moisture absorption which may cause warpage or distortion of the door.

Two coats need to be applied to all surfaces of the door components, including top and bottom edges.

**3.3** If choosing to paint your door components, apply a coat of primer followed by a coat of undercoat. Sand in between coats for a quality finish. Finish with two coats of enamel paint if used as an external door. Acrylic paint can also be used if the door is to be installed internally.

Remember to paint every surface of the door components including top and bottom edges to prevent water absorption and subsequent damage to the door.

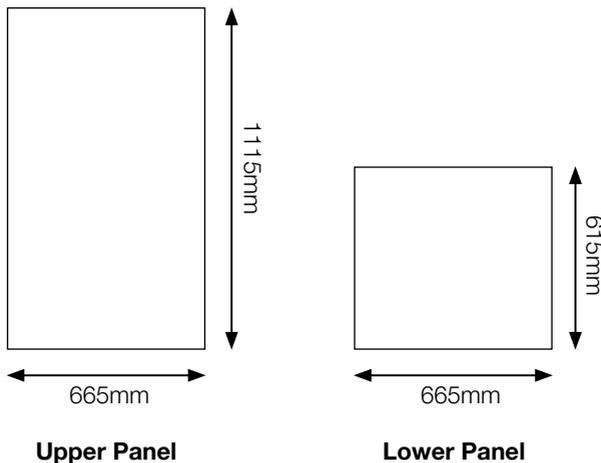
**3.4** An annual re-coating may also be of benefit.

### Step 4 – Attaching your fly screen

**4.1** Your door comes with one large fly screen panel.

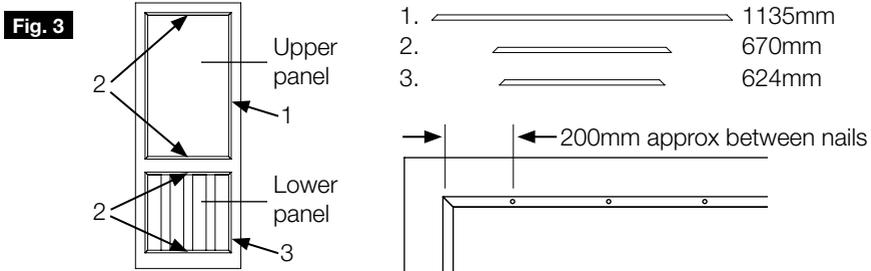
**4.2** To assemble this screen to the door you will need to cut the screen into 2 distinct panels. Please refer to the figure below detailing these panel sizes. To cut the screen we recommend using a pair of sharp scissors (**Fig. 2**).

**Fig. 2**



## Step 4 (Continued)

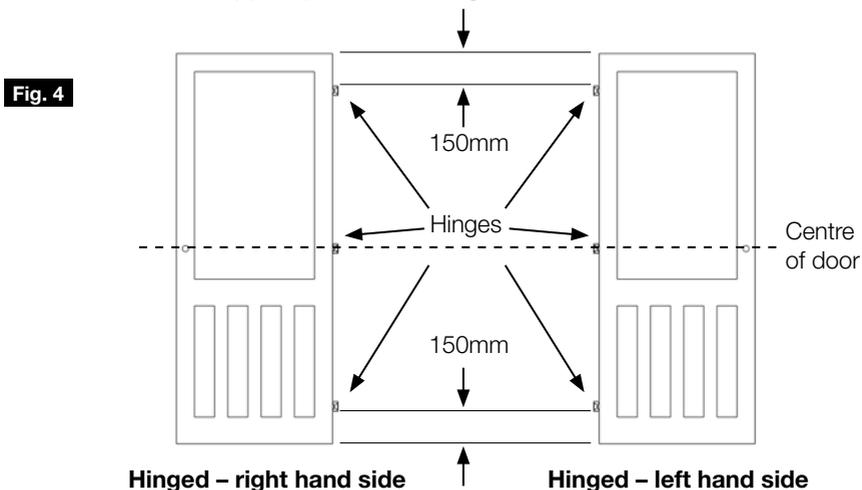
- 4.3 Position both fly screen panels onto the inside face of the door as shown.
- 4.4 Using a staple gun staple the two fly screens to the door, ensure that the fly screen is kept tight.
- 4.5 Attached the battens over the edge of the fly screen with brad nails as illustrated below (**Fig. 3**).



- 4.6 Trim any excess fly screen that protrudes outside of the battens with a utility knife.

## Step 5 – Hanging the door

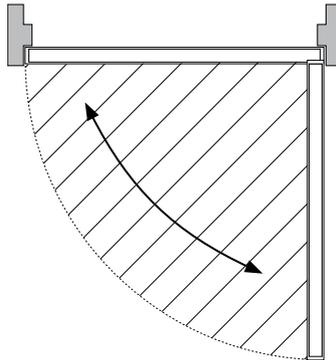
- 5.1 Decide if your door will be hinged on the right or left hand side (when viewed from outside) (**Fig. 4**).
  - 5.2 The vast majority of screen doors are hinged on the right hand side.
  - 5.3 Your Hills Timber Screen Door can be installed with the hinges on the left hand side. Just position the door to suit the hinging requirements of your doorway.
- Note:** always ensure the flyscreen is positioned on the inside of your door.
- 5.4 Fit the hinges to the door approx 150mm from each end and in the centre drill holes to suit screws supplied prior to attaching screws.



## Step 5 (Continued)

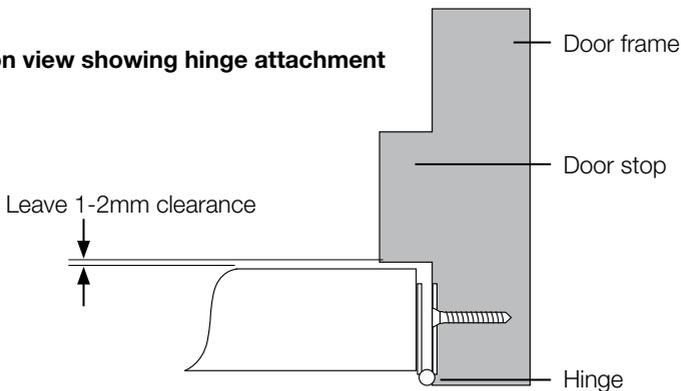
- 5.5 Having decided which side you are going to hinge your door. You will need to position your door (with hinges closed) into your door frame.
- 5.6 \*You may want to leave a bit more clearance along the bottom edge to ensure the door opens freely.
- 5.7 You should check to ensure the area the door opens into is flat and free from obstructions (**Fig. 5**).
- 5.8 Using small wedges or spacers, position and adjust your door in the door frame.
- 5.9 Use a pencil to mark the position of the hinges on your door frame.
- 5.10 Remove the door, open the hinges and align them with the pencil marks on the frame.
- 5.11 Using a pencil, trace around the hinges and through the hinge mount holes.
- 5.12 When assembled your Timber Screen Door and hinges should fit to your door frame as shown in (**Fig. 6**).

**Fig. 5**



**Fig. 6**

### Section view showing hinge attachment



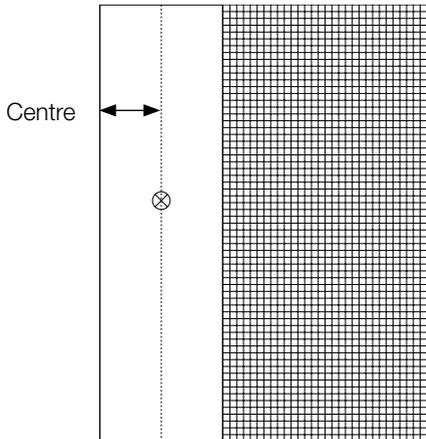
## Step 5 (Continued)

- 5.13 Drill appropriate size holes (to suit the fasteners being used) in the screw hole positions in each hinge.
- 5.14 Fasten the door at each hinge position with one screw only.
- 5.15 Check to ensure the door opens and closes freely and sits correctly within your door frame.
- 5.16 Fasten the remaining screws into the hinges.

## Step 6 – Installing the door knob/s

- 6.1 Determine your desired height position of the door knob. Position the door knob at a height that will not interfere with the door hardware of your front door. Then we recommend centering the knob to the door frame (**Fig. 7**).
  - 6.2 Drill a  $\varnothing 4.0\text{mm}$  hole through the door frame to allow the supplied screw to pass through.
-  Place masking tape on the inside of the door frame opposite where the door knob will be visible. Drill from the outside face of the frame to ensure you get a clean hole. The tape on the inside will help prevent the timber from splitting when the drill comes through the door.
- 6.3 Decide if you want to install a door knob on both sides of your door. Two door knobs are supplied for this installation option.

**Fig. 7**

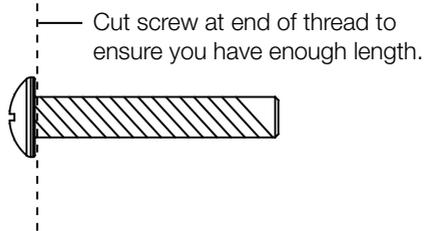


## Step 6 (Continued)

### Door knob installation

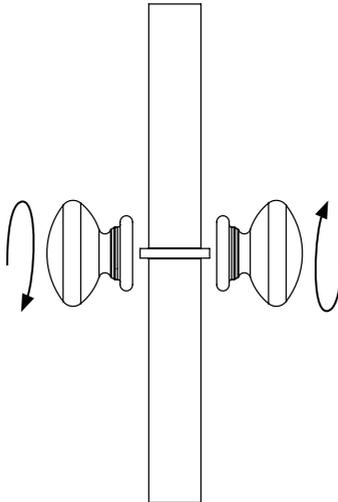
- 6.4** Before assembling the dual knobs, measure the distance from the inside of your door to your front door. This measure is to ensure you have enough clearance for the door knob when both doors are closed.
- 6.5** To install the dual knobs you need to cut the head of the screw off. Clamp the screw and with a hacksaw cut the screw as detailed below (**Fig.8**)

**Fig. 8**



- 6.6** Screw one knob onto the cut down screw and insert through drilled hole in the door.
- 6.7** Now screw the second knob to the other side of the door frame in the opposite direction. The two knobs will tighten either side of the door. (**Fig.9**)

**Fig. 9**



### Single door knob

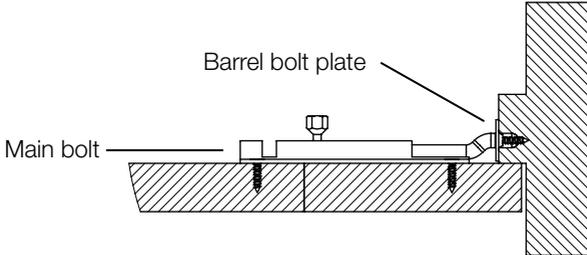
- 6.8** If you choose to have a single knob attached, simply insert the screw through the drilled hole and tighten using a screwdriver.

## Step 7 – Installing barrel bolt

This timber screen door comes with a barrel bolt that you may wish to install.

If this is not suitable, we suggest you consult your hardware store for an alternative retention method for this door.

**Fig. 10**



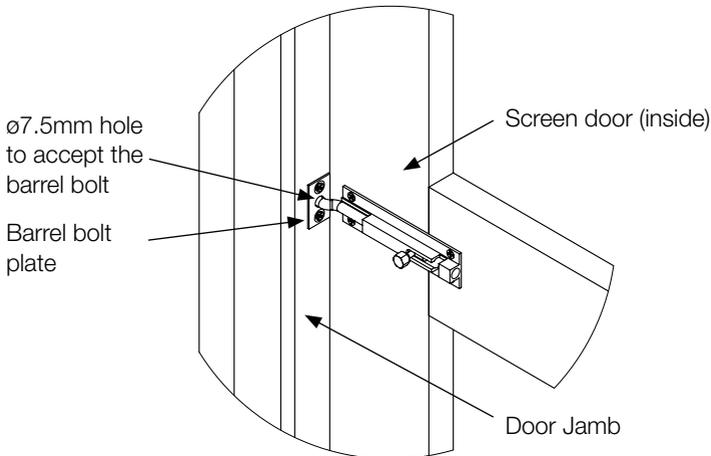
**7.1** Determine your desired position of the barrel bolt.

**7.2** Firstly, fit the main bolt section to the door frame in the desired position using the fasteners supplied (**Fig. 10**).

With a piece of chalk or crayon, mark the end of the bolt and push it out until it hits the door jamb. This will leave a mark on the jamb so you will know where to drill the hole to receive the bolt which will lock the door.

**7.3** Mark the hole position and then drill a hole in the door frame  $\varnothing 7.5\text{mm}$  in size to accept the barrel bolt in it extended position (**Fig. 11**).

**Fig. 11**



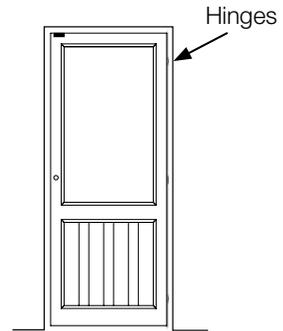
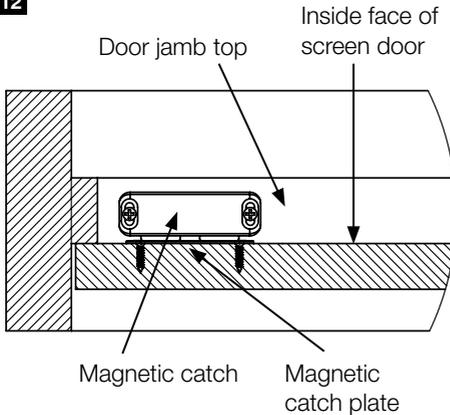
**7.4** Position the barrel bolt plate over the 7.5mm hole and fasten with the screws provided.

## Step 8 – Installing magnetic catch

The magnetic catch is designed as a method of keeping the door closed, when not latched to stop wind blowing open the door.

- 8.1** Determine the location for your magnetic catch. Hills recommend installing the catch on the top corner opposite the hinging edge. **(Fig.12)**

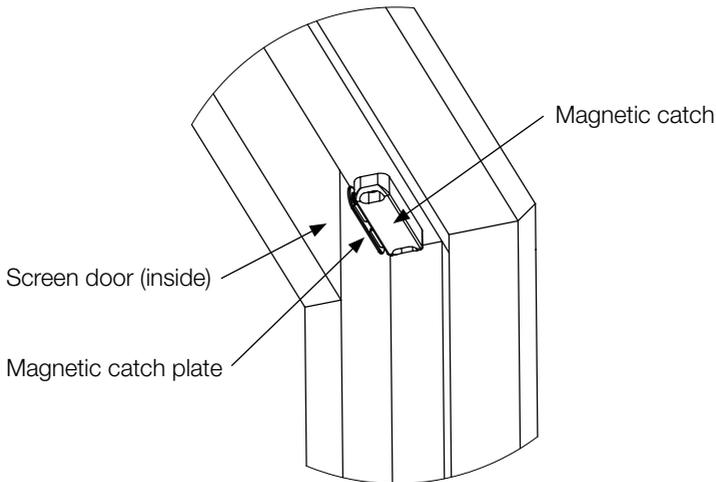
**Fig. 12**



**Note:** Left-hand hinge installation shown from inside house.

- 8.2** Attach the magnetic catch to the face of the door and jamb in the desired location. **(Fig.13)**

**Fig. 13**



- 8.3** Determine the position for the magnetic catch plate on the door so it lines up with the magnetic catch on the underside of the door jamb.
- 8.4** Fix the magnetic catch plate to the door with the screws provided.





## Hills Warranty

1. Hills provides consumers with the following warranty in relation to this Product, in addition to complying with the requirements of any relevant legislation, including the Competition and Consumer Act 2010 (Cth) in Australia and the Consumer Guarantees Act 1993 in New Zealand (the **Acts**), except where a New Zealand consumer acquires the relevant Product for the purposes of a business.
2. In this warranty, we have used the following definitions:
  - (a) **Hills, our or we** means Hills Holdings Limited (ABN 35 007 573 417) of 159 Port Road Hindmarsh South Australia 5007;
  - (b) **Products** means the following goods manufactured by Hills (including products manufactured for Hills by its contract manufacturers): **Hills Premium Timber Screen Door**;
  - (c) **Material** means a material or component used by Hills in the manufacture of the Products;
  - (d) **Warranty Period** means 2 years from the date of purchase of the relevant Product and, in relation to Lock Assembly and mesh, means a period of 1 year from the date of purchase of the Product. If the Product or part (as the case may be) is repaired or replaced, there will be no extension to the original warranty period; and
  - (e) **Workmanship** means the handling, assembly and manufacturing processes performed by or on behalf of Hills in order to manufacture the Products.
3. Hills warrants that for the duration of the Warranty Period, all Products will be free of faults arising from defects in Workmanship or Materials, on the terms and conditions set out in this warranty.
4. Hills undertakes that if during the Warranty Period any Product, or any part of a Product, has failed to operate correctly due to faulty Workmanship or defective Material, it will repair or replace the Product or part (as the case may be) free of charge provided that the following procedure is met:
  - (a) The consumer must contact Hills upon becoming aware of any defect to a Product. The contact details for Hills are set out in this warranty and under the heading "Hills Contacts".
  - (b) Following consultation with Hills, Hills will determine whether there is a defect, and if so Hills agrees to (at Hills' option):
    - i. in the case of goods – repair, replace or supply equivalent goods, or pay the cost of any of those remedies to the consumer; or
    - ii. in the case of services – supply the services again or pay the cost of having the services supplied again.
  - (c) If Hills requests the return of the applicable Product or part, Hills will be responsible for the collection and freight costs of returning that Product or part. The consumer agrees to assist Hills with any reasonable request to enable Hills to collect such Product or part.
  - (d) Hills also agrees to be responsible for the freight costs to deliver any new Product or replacement part to the consumer.

5. This warranty is in addition to any non-excludable legal rights or remedies conferred on the consumer under any applicable Act and any similar laws. To the extent permitted by law, Hills' liability for any non-excludable condition or warranty is limited to rectifying any defect at its option, as set out in paragraph 4(b).
6. Subject to the requirements of any applicable Act or legislation and to the extent permitted by law, no liability (whether expressed or implied) of any nature whatsoever, is accepted by Hills for any consequential loss, damage or injury arising as a result of any fault in the Products.
7. This warranty does not extend to damage to Products which occurs during transit or transportation, or which is caused by any abuse, accident or improper installation, connection, use, adjustment or repair or use of goods otherwise than in accordance with instructions issued by Hills.
8. The warranty on Products is waived if any addition or attachment to the Products do not have Hills' specific approval or are not sold as Hills products. The Products are designed to perform specific tasks under established test loads and unauthorised attachments may produce stresses for which the design is not appropriate.
9. The following applies to consumers who purchased a relevant Product in Australia:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## Hills Contacts

We are committed to providing you with complete customer satisfaction. If you have any questions or comments about our products or services please contact your nearest customer service centre during their local business hours:

### Australia

1300 300 564  
info@hills.com.au

### New Zealand

09 262 3052  
sales@hills.co.nz

### United States

877 534 1371 (Eastern)  
gsutterlin@verizon.net

### Europe

+44 (0) 118 973 8971 (UK)  
enquiries@greenergardensolutions.co.uk

### South Africa

021 442 1540  
info@stingray.co.za

### Hills Websites

[www.hills.com.au](http://www.hills.com.au)  
Hills Branded Products

[www.hillsholdings.com.au](http://www.hillsholdings.com.au)  
Hills Holdings Limited



**Hills Holdings Limited**  
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