

SHEERGUARDSA™ your clear security solution

Your **DIY Guide** for CLEAR BURGLAR BARS



www.sheerguard.co.za

exolon®

TOOLS REQUIRED:

- Pop Rivet Gun
- Measuring Tape
- Screw Guide Torx Head (supplied)
- Spirit Level
- Cordless Screw Driver
- Electric Drill
- 5mm Drill Bit
- Hacksaw or Cut-Off Mitre Saw 210mm with 60/80 tooth Aluminium Blade

1 Before you Order MEASURE WINDOW

When calculating how many SheerGuard Clear Burglar Bars you require, take into consideration that they are only supplied in 1m and 2m lengths.

Measure the window frame on the inside of the building where they will be installed. Measure from the inside of the reveal and on the outermost edge of the window frame (Refer to Figure A).

Consider window handle when measuring to ensure bars will not obstruct opening and closing (refer to Figure B and Figure C).

NB: A maximum space of no more than 120mm between each bar is required in order to be covered by an Insurance Policy.

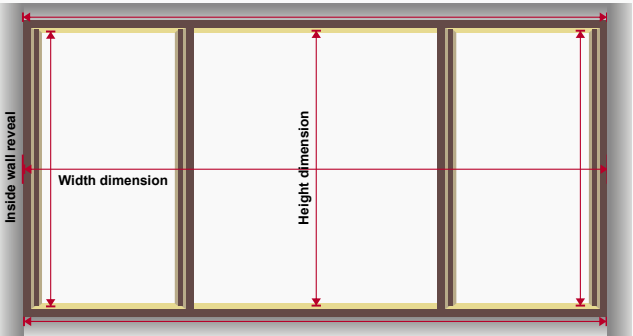


Figure A

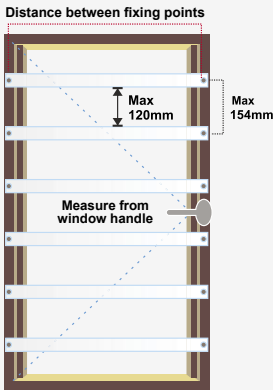


Figure B

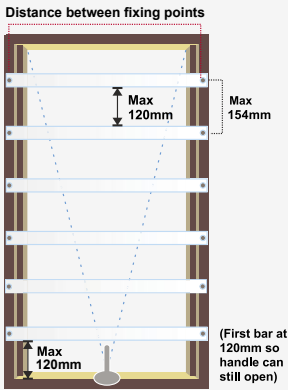


Figure C

Use the below table to determine how many bars are to be used according to the height of the window frame

mm	
<300	1
300	2
400	2
450	3
500	3
550	3
600	4
650	4
700	4
750	5
800	5
850	5
900	6
950	6
1000	6
1050	7
1100	7
1150	7
1200	8
1250	8

2 ON DELIVERY

Once bars are delivered, ensure correct quantities and dimensions. Please also check that there is no significant damage or scratches as bars can not be returned if they are already cut.

3 CUT BARS

Using a steel-bladed hacksaw or cut-off mitre saw 210mm with 60/80 tooth aluminium blade, cut bars to correct length as per measurements in Step 1.

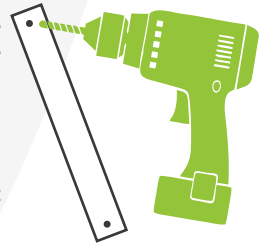
4 DRILL HOLES THROUGH BARS AND INTO FRAME AT THE SAME TIME

Measure a 120mm upwards from the bottom of the frame and make a mark then drill a 5mm hole through the first bar and into the frame (on the left or right side of the bar).

Now use a spirit level and mark off the opposite side.

Secure with pop rivets.

NB: Due to thermal expansion of polycarbonate always ensure that hole is at least 0.5mm larger than the fastener.



5 DRILL HOLES THROUGH WINDOW FRAME

Ensure bar is straight by using a spirit level to mark pilot holes.

FOR WOOD FRAME

Do not drill holes into the wood, use screws provided.

FOR ALUMINIUM/STEEL WINDOW FRAME

Drill 5mm hole into frame and secure with pop rivet. Finish with covercap in your selected colour choice.

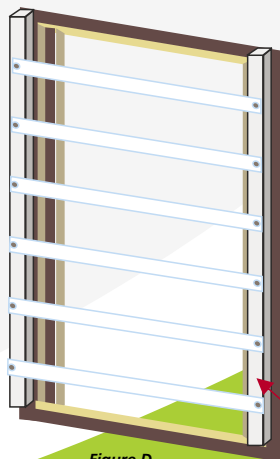
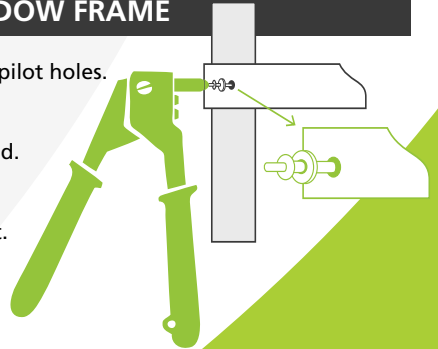


Figure D

REASONS FOR USING TUBING TO SECURE BARS

(Figure D)

- Steel window frames
- To maximise fitment strength in wooden frames
- When the window frame is not thick enough to fit bars

PREMIUMGUARD

SheerGuard PG Size - 6mm x 34mm

NB 10-20mm space around hole in window frame is required

- When the frame is damaged, rotten or rusted
- When the window can not open due to the bar placement
- When cleaning of fixed glass is affected

Tubing

PRIMATE BARRIERS

To prevent primates from entering property the following specifications apply:

- For baboons and monkeys 60mm space required between bars.

WINDOW FRAMES WIDER THAN 1000mm

- For window frames where the distance between fixing points is longer than 1000mm, cross bars must be installed.
- Maximum space between cross bars running down must be no bigger than 500mm.
- Maximum space between bars running across must be no larger than 120mm.

CLEANING INSTRUCTIONS

- Open window first before cleaning.
- If the bar is dirty use water ONLY to wash (no detergent/chemicals required).
- If the bar is dusty then use a soft cloth to clean off dust.

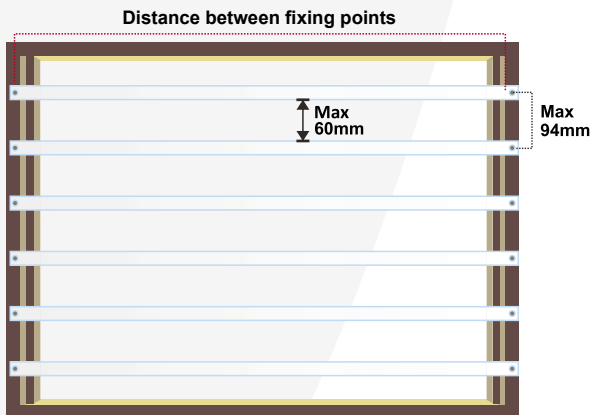


Figure E

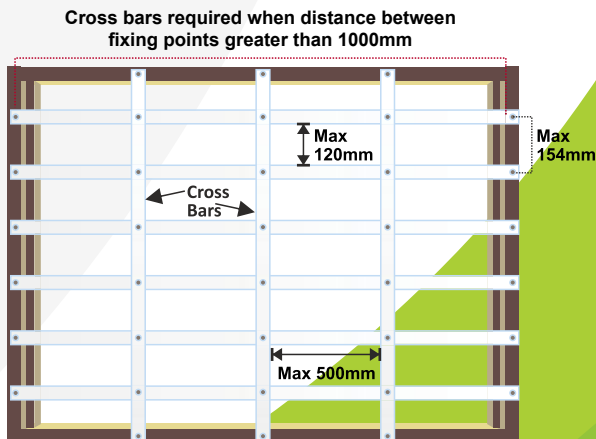


Figure F

SAFETY PRECAUTION

- We always recommend SheerGuard Clear Burglar Bars be fitted by our professional installers, however if you choose to install yourself please note it is at your own risk.
- Keep children away during installation as the tools required and the sharp edges of the bars may cause injury.
- SheerGuard SA refuse to accept liability for damage, injury and death caused by DIY installation, misuse or destruction of our burglar bars.