Robo Door CC · Reg. 2005/167957/23 · VAT 4520234727 · Tel 011 824 0517 · P.O. Box 15412, Lambton 1414

Robo Clear Polycarbonate Burglar Bars

Product data sheet · version 6, October 2026

What it is

Robo Clear is Robo Door's transparent polycarbonate burglar bar for windows. The bars form a fixed barrier across the opening while keeping the outlook light and open. They are clear, not invisible: bar edges, fixings and reflections remain visible.

Specifications

Material	Solid transparent polycarbonate
Bar profile	32 mm wide x 5 mm thick
Supply	Cut to any size needed for the agreed window layout
Product type	Fixed window barrier
Impact strength	About 200 times tougher than glass (product specification)
Light	About 92% light transmission (product specification)
Position	Inside or outside windows, all climate conditions
Fittings	Specified for your window frame and listed on your quotation. Caps and washers in bronze, white, grey or black
Service	Supply-only, or installed where Robo Door installs
Warranty	5-year Robo Clear warranty on the bars, subject to its written terms and exclusions

Security

Polycarbonate resists impact well. The impact figure describes the material itself. How fitted bars resist forced entry depends on the whole installation: the bars, their spacing, the fixings and the window frame. This sheet makes no forced-entry, fire or UV-ageing rating claim.

Before you order

Send the window sizes, the frame material, how each window opens, and photos of the whole window and frame. The layout must clear handles and opening parts. Spacing on any drawing states whether it is the clear gap or the distance between bar centres. Your written quotation confirms the layout, the fittings included, the service, the price and the lead time.

Supply-only

Confirm the measurements, frame and parts list with Robo Door before ordering, and follow the instructions supplied with your kit. Screw type and drilling depend on the frame and fixings. Ask Robo Door how self-fitting affects the warranty before you start.

Escape windows

Fixed bars do not open. Decide which window stays clear as a way out before fitting fixed bars, especially in bedrooms.

Care

Clean with a soft cloth and mild soapy water. No abrasive pads, no harsh or ammonia-based cleaners.

Specifications are confirmed on your written quotation. Warranty terms: robodoor.africa/warranty. This version replaces the earlier Robo Clear data sheet.