

Ezi 100 Poly

Polycarbonate / Aluminium Roller Shutter



**EZI-ROLL SHUTTERS | AUSTRALIAN LEADERS
QUALITY | INNOVATION | DESIGN**

The **Ezi 100 Poly** is a polycarbonate and aluminium roller shutter manufactured by Eziroll Doors Australia. The door is a member of the Eziroll showcase door products range. The transparent curtain is specifically designed with retailers in mind, allowing for continual showcasing and product advertisement when the door is closed.

The **Ezi 100 Poly**, provides a high level of security whilst maintaining the feel of openness between internal and external spaces, making it ideal for shopfronts, arcades, sporting complexes, clubs, bars and counter tops. The **Ezi 100 Poly** can be supplied in a vast range of sizes and colour finishes.



HISTORY

Ezi-roll Doors Australia has been manufacturing roller shutters and grilles since 1971. Since its inception has been continuously developing its suite of products in both design and manufacturing efficiencies. The **Ezi 100 Poly** aluminium and polycarbonate roller shutter is one example and it is featured below.

RECOMMENDED APPLICATION

The **Ezi 100 Poly** is suitable for openings ranging from 1m-4m high and up to 6.4m wide. This shutter is the ideal security and finish for shopping centre shopfronts, arcades, sporting complexes, clubs, bars and counter tops.

THE SHOWCASE DOOR

The **Ezi 100 Poly** is constructed from clear polycarbonate extrusions interlocked with convex aluminium sections. The door curtain is designed to provide maximum visibility allowing the retailer to showcase their products whilst the business is unattended. The interlocked aluminium slats enhance door strength and are fitted with nylon moulded end clips to reduce friction and lateral movement. The **Ezi 100 Poly** is supplied standard in a clear anodised finish (Matt Natural) however aluminium components may be powder coated in different colours on request.

VERSATILE TRACKING SYSTEM

The 50mm x 30mm aluminium door tracks can be mounted between fix or behind fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. All manual doors are fitted with door stops.

LOCKING

The **Ezi 100 Poly** may be fitted with a centrally mounted locking mechanism within the mid rail at approximately 900mm above floor level or alternately within the bottom rail. The locking mechanisms are generally concealed behind extruded covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

MANUAL/AUTOMATIC OPERATION

The **Ezi 100 Poly** can be manually or electrically operated. There is a range of electric motors available depending on application and usage.

SPRING ASSISTED DRUM ASSEMBLY

The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure a smooth and effortless operation.

BOTTOM RAIL

The **Ezi 100 Poly** is supplied with a sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal to prevent the unwanted entry of foreign particles.

WARRANTY

A 12 month limited material, labour and workmanship warranty applies to the **Ezi 100 Poly**.

ARCHITECTURAL SPECIFICATION

Proprietary Item: Ezi-roll "Aluminium & Polycarbonate roller shutter" Ezi 100 Poly or equal approved. Refer to drawings for locations.

Door Curtain: 100mm Polycarbonate interlocking with 30mm rigid aluminium sections. Each aluminium section is fitted with moulded end caps to reduce friction. Running in 50mm x 30mm extruded guides. Clear Anodised or Powdercoat finish.

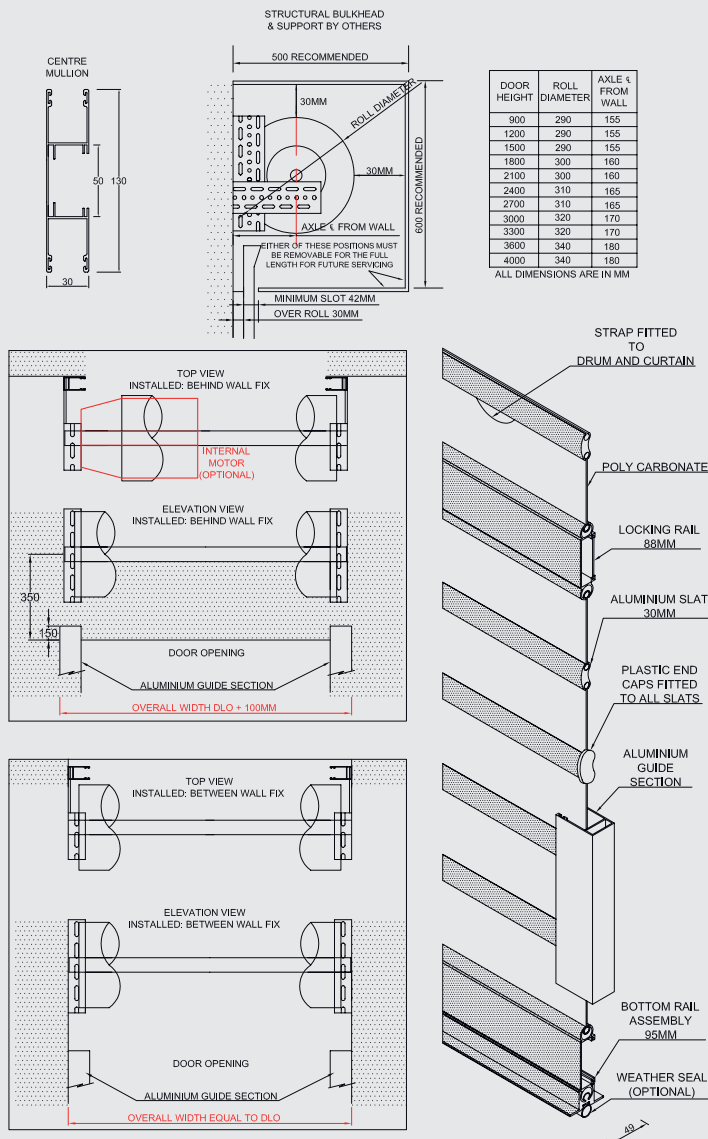
Size: For openings up to 4m high and 6.4m wide.

Perforations: Provide 95mm x 25mm vent slots at 70mm spacing where required in the roller shutter.

Roller Drum: 229mm Spiral drum rotating on a 34mm heavy duty shaft fitted with helical springs to counterbalance the door in accordance with the manufacturers specifications.

Operation: Roller Shutter can be either manually operated or motorized depending upon size requirements.

TECHNICAL DETAIL



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