

# Ezi 90 Ali

Aluminium Roller Shutter

## COUNTRY ROAD



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

The **Ezi 90 Ali** is an aluminium roller shutter manufactured by Eziroll Doors Australia and forms part of the Eziroll aluminium security door range. This heavy duty aluminium extrusion curtain is specifically designed to ensure maximum security when fitted to retail spaces, secure parking structures, arcades, sporting complexes, clubs, bars and counter tops.

Contemporary in appearance, the **Ezi 90 Ali** is built using solid aluminium interlocking sections however can be slotted or perforated to suit individual design preferences. The **Ezi 90 Ali** can be supplied in a vast range of sizes and colour finishes with clear polycarbonate backing also available for the slotted curtain option.



## 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 90 Ali aluminium roller shutter is one example and it is featured below.

## RECOMMENDED APPLICATION

The Ezi 90 Ali is suitable for openings ranging from 1m - 4.5m high and up to 8m wide. This shutter is ideal for applications requiring a high level of security while remaining attractively contemporary. Suitable applications are shopping centre shopfronts, secure parking structures, arcades, sporting complexes, clubs, bars and counter tops.

## THE SECURITY DOOR

The Ezi 90 Ali is constructed from high density aluminium extrusions allowing maximum door strength. The aesthetics and ventilation of the door may be improved for retail shopfront applications by utilising the perforation or slotting options. Where slotting is required for aesthetics only, a clear polycarbonate backing panel may be supplied for each interlocking slat in the curtain. Alternative aluminium slats are fitted with nylon moulded end clips to reduce friction and lateral movement. The Ezi 90 Ali 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 100mm x 38mm 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 90 Ali may be fitted with a centrally mounted locking mechanism within the bottom rail. The locking mechanisms are generally concealed behind extruded polycarbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

## MANUAL/AUTOMATIC OPERATION

The Ezi 90 Ali 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 90 Ali 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 90 Ali.

## ARCHITECTURAL SPECIFICATION

**Proprietary Item:** Ezi-roll "Aluminium Roller Shutter" Ezi 90 Ali or equal approved. Refer to drawings for locations.

**Door Curtain:** 90mm x 1.4mm Aluminium extrusion. Alternative aluminium sections are fitted with nylon end clips to reduce friction. Running in 100mm x 38mm extruded guides. Clear Anodised or Powdercoat finish.

**Size:** For openings up to 4.5mtr high and 8mtrs wide.

**Perforations:** Provide 6.5mm diameter perforation holes at 9mm centres.

**Slotting:** Provide from 160mm x 60mm to 600mm x 60mm vent slots at determined spacing required in the roller shutter. Slotting may include polycarbonate backing panel to reduce foreign particle entrance.

**Roller Drum:** 165mm or 229mm Spiral drum rotating on a heavy duty shaft fitted with helical springs to counterbalance the door in accordance with the manufacturers specifications.

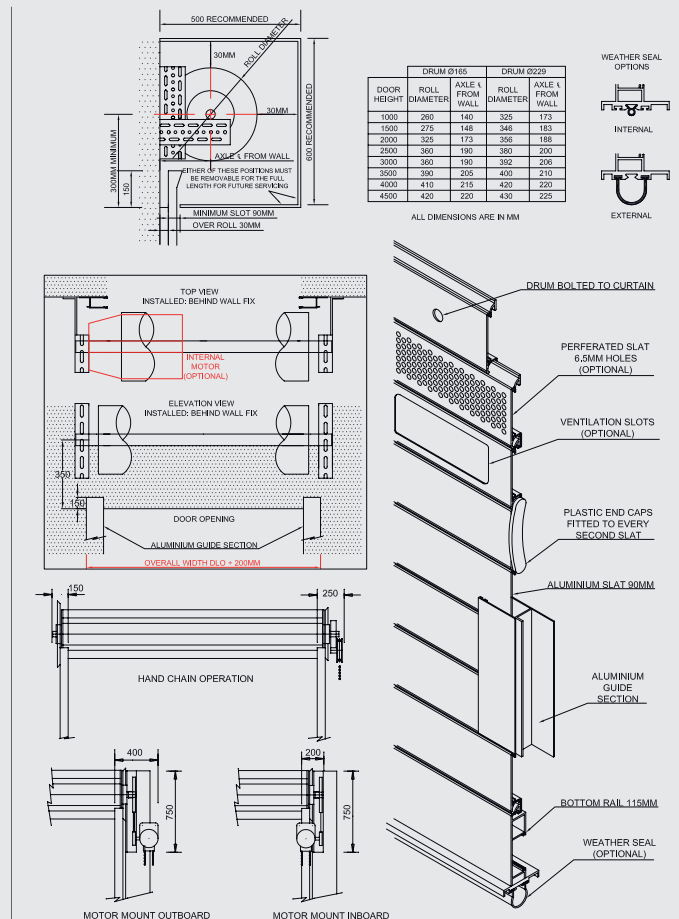
**Operation:** Roller Shutter can be either manually operated or motorized depending upon size requirements.

**Ventilation:** The perforation will provide a maximum of 32% free air flow per lineal meter of slat.

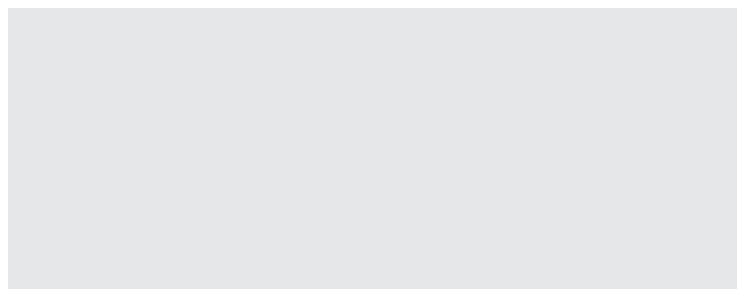
The 160mm x 60mm slotting will provide a maximum of 38% free air flow per lineal meter of slat.

The 600mm x 60mm slotting will provide a maximum of 55% free air flow per lineal meter of slat.

## TECHNICAL DETAIL



## DISTRIBUTED BY



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