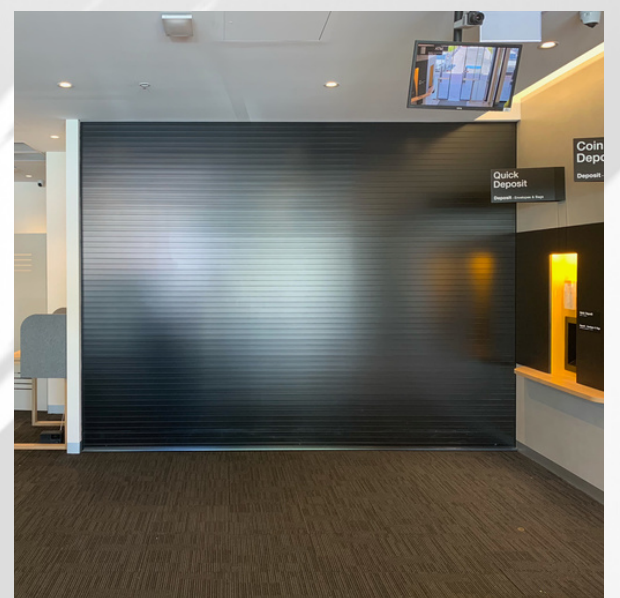




ROLLER GRILLES & SHUTTERS • FOLDING CLOSURES • STACKDOOR

# POLARIS<sup>IR</sup>

## INTRUDER-RESISTANT ROLLER SHUTTER



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The Polaris Intruder-Resistant (IR) is a heavy duty roller shutter that is the ultimate in design for visual appearance and maximum security. Whilst visually attractive, robust, and effective, the Polaris (IR) Doors are made with a precision extruded roller shutter profile, suitable for many high-security commercial and industrial grade applications.

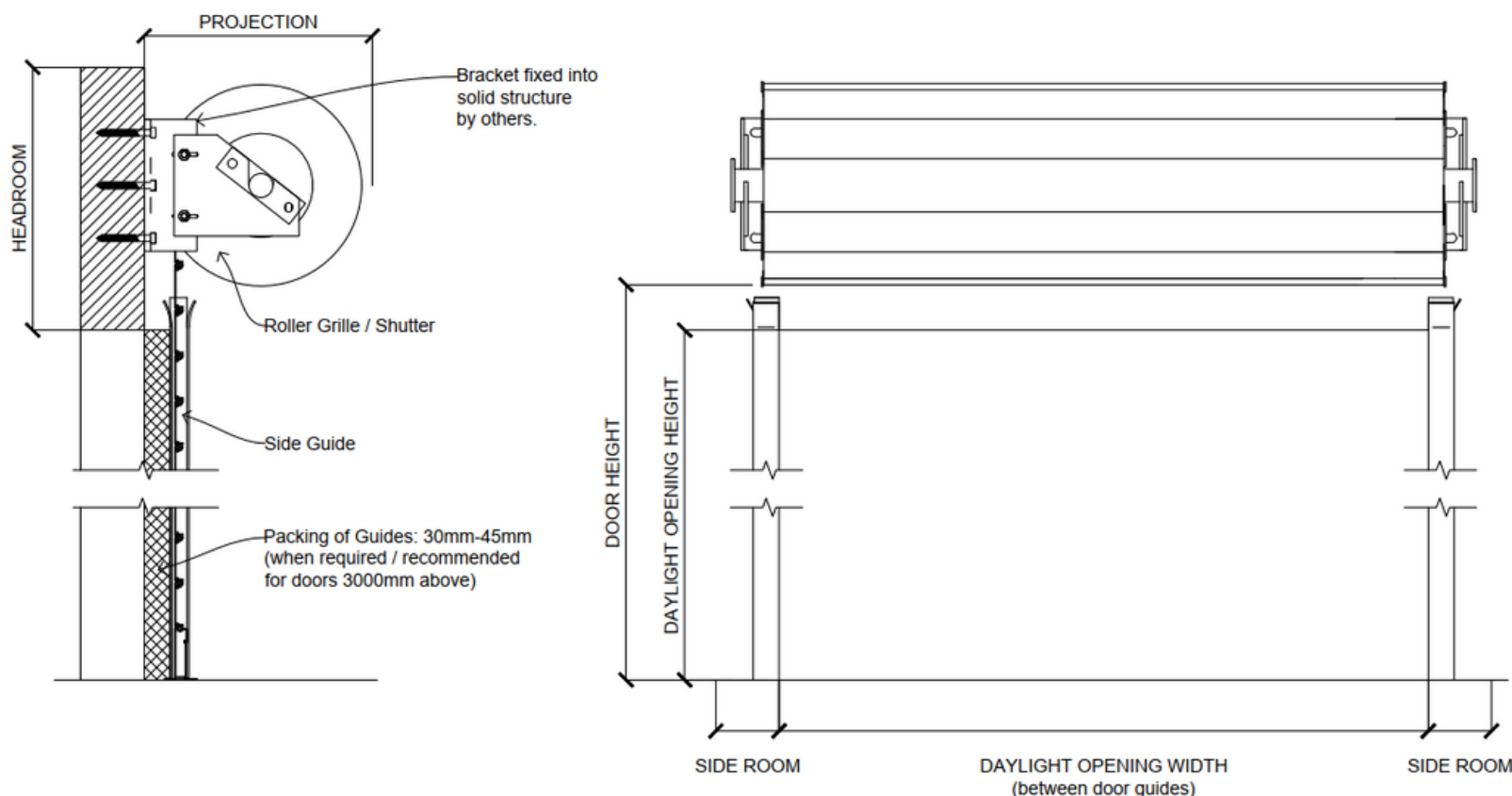
### TECHNICAL SPECIFICATIONS

<b>MAXIMUM WIDTH</b>	7000mm (Motorised)
<b>MAXIMUM HEIGHT</b>	4000mm (Motorised)
<b>APPROX. WEIGHT PER SQM</b>	18 kgs. per sqm
<b>SLAT HEIGHT</b>	50mm
<b>SLAT THICKNESS</b>	1.6mm (double wall)
<b>BARREL TYPES</b>	150 steel
<b>BRACKETS</b>	6mm mild steel angles and plates
<b>SIDE GUIDES</b>	82mm deep x 29mm wide (face fixed or heel fixed)
<b>WIND LOCKS</b>	YES
<b>DOOR FINISH</b>	Standard Satin Silver Anodised / Dulux Duralloy Powder Coating
<b>DOOR OPERATION</b>	

- Motorised operation (low cycle applications ONLY - not available in high cycle applications) via a single-phase or three-phase motor / low cycle motor set / limit switches

#### POWER REQUIREMENTS

- Single Phase outlet (10A), located within 1 metre of the motor - plug and go setup
- Three Phase 415V with neutral (10A), located within 1 metre of the motor, to be fully installed and connected by a certified electrician



NOTE: Manual Door Operation drawn above (for illustration purposes only).

#### STANDARD DOOR SETUP

DOOR OPERATION	HEADROOM* (mm)	SIDEROOM* (mm)	PROJECTION* (mm)
Motorised (Single Phase)	550	Motor Side: 160 Non-Motor Side: 120	750
Motorised (Three Phase)	550	Motor Side: 400 Non-Motor Side: 150	750

\*minimum dimensions

#### EXTERNAL WORKS BY OTHERS

- Power supply provision, if required
- Structurally sound wall/mounting points to support the roller shutter, designed and approved by a certified engineer
- Adequate headroom, side room, and projections to ensure successful operation

#### PRODUCT WARRANTY

##### **12 months (Materials and Workmanship)**

Scotty Doors Ltd has a continuing programme of product development and reserves the right to alter specifications at any time without notice.

A full range of extra details available at [www.scottydoors.com](http://www.scottydoors.com)



+64 9 479 4779 | 0800 760 687

office@scottydoors.com

www.scottydoors.com

30 Tarnedale Grove, Rosedale  
0632 Auckland, New Zealand

PO Box 305041, Triton Plaza  
0757 Auckland, New Zealand