Rollashield®
PREMIUM ROLLER SHUTTERS by OZROLL

STORMSHIELD SS

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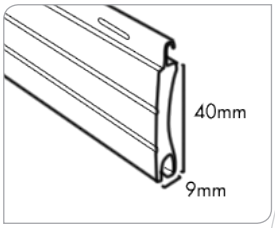
HDF Cyclone Rated

SLAT PROFILES



FEATURES & BENEFITS

- Cat 3 cyclone rating
- Premium insulation
- Increased strength and security
- Light control
- Minimal flex
- Available in restrained and unrestrained
- Idea for closing in outdoor areas

TECHNICAL SPECIFICATIONS

Weight (per m^2)	6kg
Maximum Curtain Width (with standard guide)	3.6m
Maximum Curtain Width (with extended guide)	4m
Maximum Curtain Width (with restrained guide)	4.2m
Maximum Area (m^2)	10
Gauge of Aluminium	0.32mm
Profile Slat Height	40mm
Profile Slat Thickness	9mm
Standard Guide Dimensions	53mm
Restrained Guide Dimensions	70mm
Standard Bottom Bar Dimensions	50mm
Standard Axle	50mm circular

Since its inception our Residential Slat has consistently proved to be a high quality, robust and well accepted profile so therein provided the perfect solid platform on which to develop the "Stormshield" profile. The development and introduction of the High Density Foam (HDF) offers remarkable advantages where there is high wind or high risk. The HDF is injected into the slat profile under controlled conditions during the manufacturing roll-forming process.

Stormshield is available in both restrained and non restrained options. Our HDF filled profile combined with restrained guides has been tested successfully to meet with cyclone category 3 regulations, while the HDF unrestrained provides an option with standard materials where extra strength and security is required.

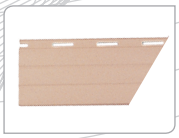
BOX COLOUR OPTIONS

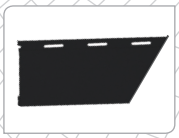
WHITE | CREAM | SAND | BROWN | BLACK | DEEP OCEAN BLUE | WOODLAND GREY

ROLLER SHUTTER COLOUR OPTIONS


White


Cream


Sand


Black

Please note: Colours displayed are a guide only and have been matched as closely as possible. Due to the nature of the printing process, some degree of colour variation may occur. We recommend that you use production line prepared samples for final colour selection or approval.

RESTRAINED GUIDE

CONTROL OPTIONS

MANUAL


Strap


Winder


Spring Assist

MOTORISED

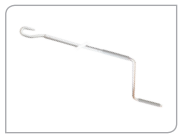

ODS with E-Port


E-Trans


SOMFY 240V with Inis Uno


SOMFY 240V with Key Switch


SOMFY 240V RTS with Transmitter


SOMFY 240V with CSI override

BOXING OPTIONS

SQUARE BOXING (SQ45)

Sizes Available	Maximum Overall Height
150mm	1300mm
165mm	1700mm
180mm	2135mm
205mm	3000mm
230mm	3400mm
250mm	4400mm

Please note: Only when using Ozroll's 50mm circular axle.

ROUND BOXING (RD360)

Sizes Available	Maximum Overall Height
140mm	1140mm
160mm	1650mm
180mm	2000mm
200mm	2800mm

Please note: Only when using Ozroll's 50mm circular axle.

TESTING RESULTS

- Australian Standard AS / NZS 1170.2 - 2002 Structural Design Action Part 2: Wind Actions was used to determine the cyclonic wind loading for roller shutters fitted to a suburban house with an average roof height of 5m located in a sheltered Terrain Category 3 Region C cyclonic location. The design wind speed is calculated to be 47 metres per second (169.2 kl/h).

- The Australian Standard AS 4040. 3 – 1992 Methods of Testing Sheet Roof and Wall Cladding, Method 3: Resistance to Wind Pressures for Cyclone Regions was used to an ultimate load pressure of 2.50 kPa, which is needed to fulfil the requirements.

The HDF Super Shutter passed cyclic fatigue loads of 10,200 cycles at incremental increases to the final load, supporting the final single cycle pressure of 2.5kPa for 1 minute. The shutter deflection only increase to a nominal distance of 82mm from the standard rest position during the tests.