

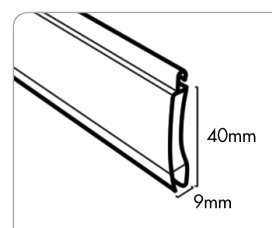
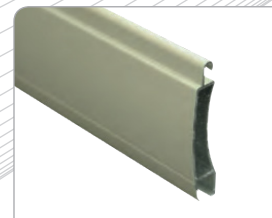


## SENTRY FIRESHIELD

### BAL 40 AE401



#### SLAT PROFILES



#### FEATURES & BENEFITS

- Bushfire Attack Level (BAL) 40
- Increased strength and security
- Available with heavy duty axle & bearing
- Minimal flex
- Optional powder coating
- Ideal for commercial applications
- Available with restrained inserts & guides
- Light control

#### TECHNICAL SPECIFICATIONS

Weight (per m <sup>2</sup> )	8kg
Maximum Curtain Width (with standard guide)	4m
Maximum Curtain Width (with extended guide)	4.6m
Maximum Area (m <sup>2</sup> )	12
Gauge of Aluminium	1mm
Profile Slat Height	40mm
Profile Slat Thickness	9mm
Standard Guide Dimensions	53mm
Standard Bottom Bar Dimensions	50mm
Standard Axle	50mm circular

Rollashield Sentry Fireshield is ideal for residential or commercial use, particularly in areas prone to fire hazards. Manufactured to the highest standards with state of the art equipment, the Sentry Fireshield profile is available in a 40mm curved profile.

The Sentry Fireshield has superior strength offering increased security and performance. The overall profile appearance is clean and stylish with only a slight "V" groove line on the convex side. Available in several long lasting and fade resistant Interpon coatings or a natural anodized finish, the Sentry Fireshield Profile can also be powder coated in a colour of your choice.

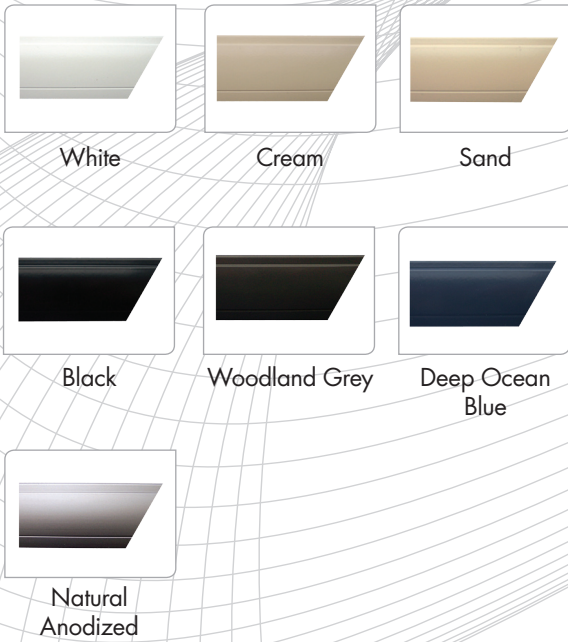
It is common knowledge that hot or burning embers entering the home during a bushfire is a major factor in the ignition of the building itself. Rollashield Sentry Fireshield Roller Shutters have been credited with saving homes from burning to the ground when other surrounding properties were not so fortunate.

The Sentry Fireshield shutter has been extensively tested by the CSIRO under severe bushfire simulated conditions and proved to be able to withstand a maximum radiant heat exposure of 40kw/m<sup>2</sup> after 60 minutes. As no ignition or flaming was observed throughout the testing the Sentry Shutter has received a Bushfire Attack Level (BAL) of 40.

**BOX COLOUR OPTIONS**



**ROLLER SHUTTER COLOUR OPTIONS**



*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.*

**CONTROL OPTIONS**

**MANUAL**



**MOTORISED**



**BOXING OPTIONS**

**SQUARE BOXING (SQ45)**

Sizes Available	Maximum Overall Height
150mm	1100mm
165mm	1600mm
180mm	2000mm
205mm	2800mm
230mm	3400mm
250mm	3800mm

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

**ROUND BOXING (RD360)**

Sizes Available	Maximum Overall Height
140mm	900mm
160mm	1600mm
180mm	2000mm
200mm	2600mm

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

**TESTING RESULTS**

Performance Criteria	Time To Failure (min)	Position Of Failure
Formation of through gaps greater than 3mm	No Failure	-
Sustained flaming for 10 seconds on the non-fire side	No Failure	-
Flaming on the fire-exposed side at the end of the 60 minutes test period	No Failure	-
Radiant heat flux 365mm from the non-fire side exceeding 15kW/m <sup>2</sup>	No Failure	-
Mean and maximum temperature rises greater than 140K and 180K	n/a	-
Radiant heat flux 250mm from the specimen, greater than 3kW/m <sup>2</sup> between 20 minutes and 60 minutes	No Failure	-
Mean and maximum temperature of internal faces exceeding 250°C and 300°C respectively between 20 minutes and 60 minutes after commencement of test	n/a	-
<b>Crib Class B</b>	<b>Peak Heat Flux</b>	<b>40 kW/m<sup>2</sup></b>

NOTE: Performance observed in respect of Clause 14.4 of AS1530.8.1-2007 criteria. Report number: FSZ 1444 / Job Number: SZ3303 / Date of Issue: 5th November 2010. For the purpose of building regulations in Australia, the test specimen achieved a Bushfire Attack Level (BAL) of B40. This report details methods of construction, the test conditions and the results obtained when the specific element of construction described herein was tested in accordance with AS 1530.8.1-2007.