

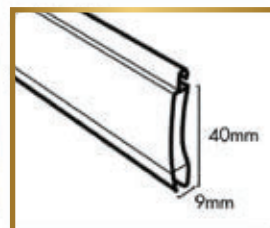
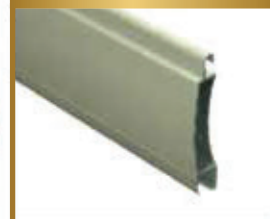
# SENTRY FIRESHIELD

BAL 40 AE401

**Rollashield**<sup>®</sup>  
PREMIUM ROLLER SHUTTERS by **ZROLL**



## SLAT PROFILES



## FEATURES & BENEFITS

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

## 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 Curtain Width (with restrained guide)	5m
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.

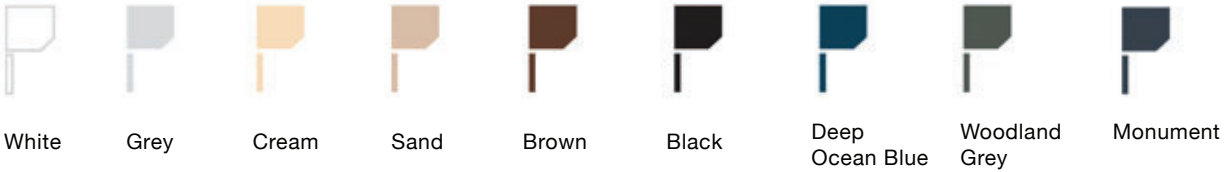
The Sentry Fireshield has superior strength offering increased security and performance. The overall profile appearance is clean and stylish with only a slight “V” groove line on the convex side. Available in several long lasting and fade resistant Interpon coatings or a natural anodized finish, the 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.

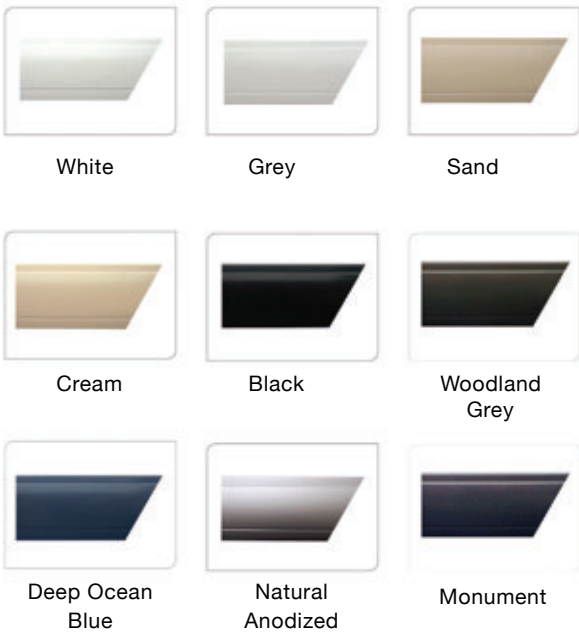
The Sentry Fireshield shutter has been extensively tested by the CSIRO under severe bushfire simulated conditions and proved to be able to withstand a maximum radiant heat exposure of 40kw/m<sup>2</sup> after 60 minutes. As no ignition or flaming was observed throughout the testing the Sentry Shutter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

**BOX COLOUR OPTIONS**

Full colour options are available for 165mm - 205mm.  
Please see page 3 to confirm colours for 150mm, 230mm and 250mm sizes.



**ROLLER SHUTTER COLOUR**



**CONTROL OPTIONS**

**MANUAL**



**MOTORISED**



**SQUARE BOXING (SQ45)**

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

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

**GUIDE OPTIONS**



Restrained Guide / Unrestrained with Extended Guide

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 & 300°C respectively between 20 minutes and 60 minutes after commencement of test		n/a	-
	Crib Class B	Peak Heat Flux	40 kW/m <sup>2</sup>

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.