



International Raven Sealing Solutions for Fire Doors Catalogue

Products approved on
AS 1530.4 2014 Doors &
AS 1530.4 2005 Doors and Earlier








TABLE OF CONTENTS

DOOR FRAME / PERIMETER SEALS	4
FIRE AND SMOKE SEALS	6
FIRE, SMOKE AND ACOUSTIC SEAL	7
AUTOMATIC DOOR BOTTOM SEALS	7
DOOR BOTTOM SWEEP SEALS	10
THRESHOLD PLATES	11
THRESHOLD PLATE SEALS	13
CLASSIFIED UL & CERTIFIRE ACCREDITATIONS	14
INDEX	14










PRODUCT DUTY LEVELS

Icons have been used to assist specifiers and builders to select the right duty level to meet the expected duty cycle for each building class.

	LIGHT DUTY	Generally used in residential and light traffic areas such as Class 1-4 Buildings.
	MEDIUM DUTY	Generally used in commercial and medium traffic areas such as Class 3-6 Buildings.
	HEAVY DUTY	Generally used in heavy pedestrian and wheeled traffic areas such as Class 5-10 Buildings.

RAVEN SEAL APPLICATIONS

Icons have been used to help identify appropriate seals for various applications to make product selection easier.

	Weather
	Insects and Vermin
	Ambient (Cold) Smoke Temperatures up to 70°C
	Medium Temperature Smoke Temperatures of 200°C for 30 minutes
	Fire and Hot Smoke Fully developed fires exceeding 600°C (intumescent seals)
	Fire (Approved) In accordance with AS/NZS 1905.1
	UP TO BAL - FZ (Flame Zone) Bushfire Attack Level in accordance with AS 3959
	Noise - Acoustic
	Access and Mobility

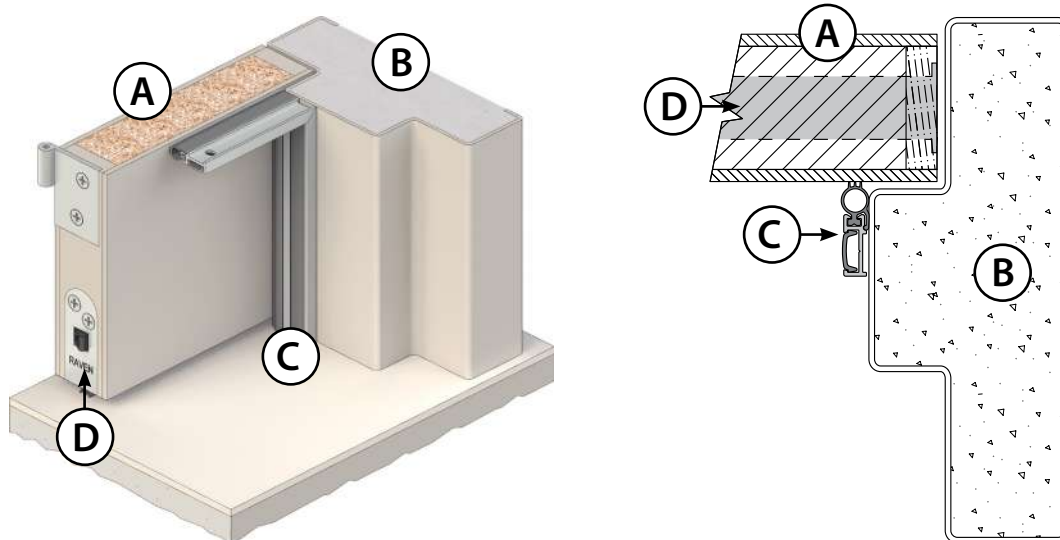
APPROVED RAVEN SEALS, FITTED TO FIRE RATED DOOR ASSEMBLIES

Fire doors in Australia need to be installed to AS/NZS 1905.1 as mandated by the NCC. This means the fire door has a Fire Resistance Level (FRL) as determined in the fire test method AS 1530.4 where door sets are subject to extreme temperatures in a full scale fire test simulating a fire emergency. The door set is then given an FRL which is a nominal grading period in minutes for structural adequacy/integrity/insulation.

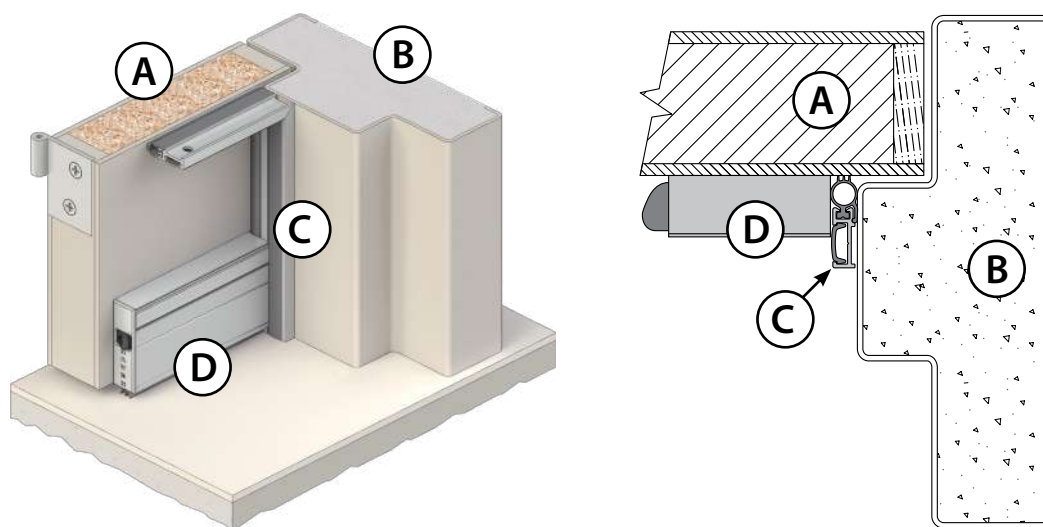
Fire doors are not structural members of a building so therefore have for example an FRL of -/120/60 where the FRL is 0 for structural adequacy/120 minutes for integrity/60 minutes for insulation. This is represented in NZ as FRR -/120/60 or in the UK for integrity as FD120 or in Europe IE120.

Please note: refer to the specific Fire Door Manufacturer's Specification. The illustrations below are Raven seal installation examples.

EXAMPLE 1



EXAMPLE 2



(A) Fire Door

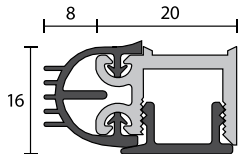

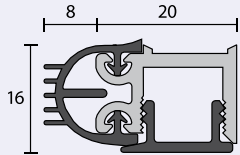
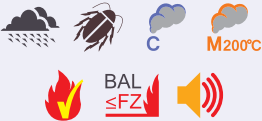
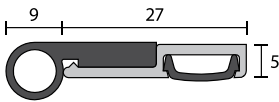

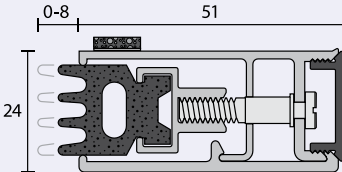

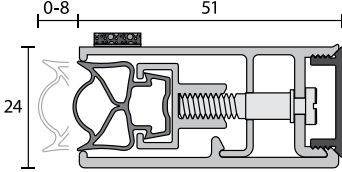

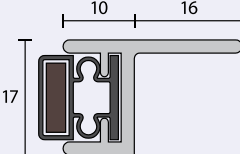

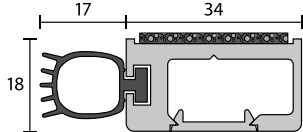

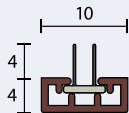

(B) Steel Rebated Frame
Filled with Non-Combustible Material

(C) Approved
Perimeter Seal

(D) Approved Door
Bottom Seal



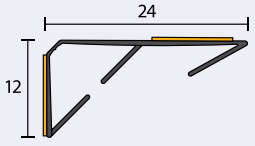
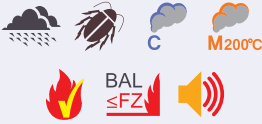
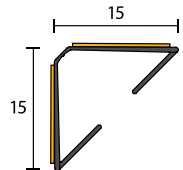

DOOR FRAME / PERIMETER SEALS

PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP10		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP10Si		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP23		 BAL ≤FZ	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP24		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP24Si		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP39		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP47Si		 BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP56		 BAL ≤FZ	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

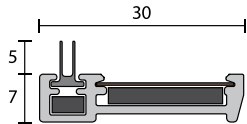

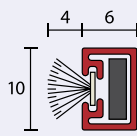

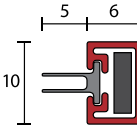

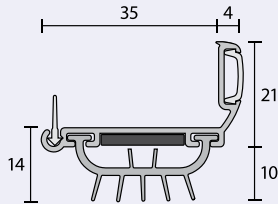

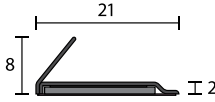

DOOR FRAME / PERIMETER SEALS

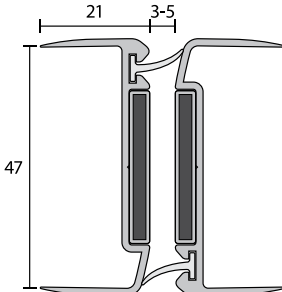


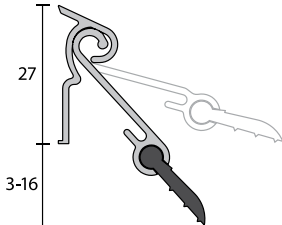


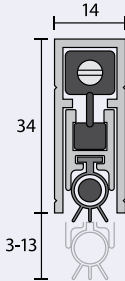


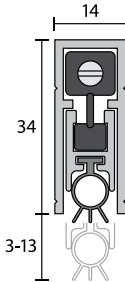


PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP78Si		 	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP78HSi		 	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP84Si		 	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP87Si		 	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP87HSi		 	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP93Si		 	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP94Si		 	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP118Si		 	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP120		 	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

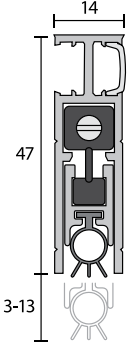


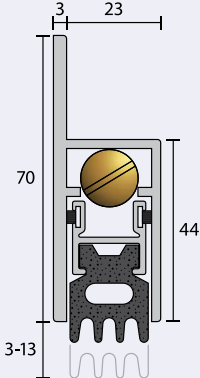


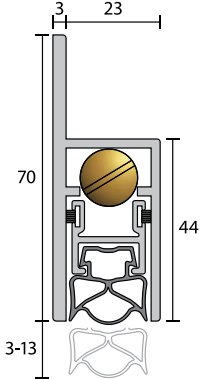


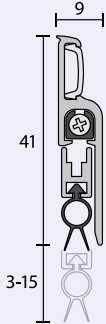


DOOR FRAME / PERIMETER SEALS

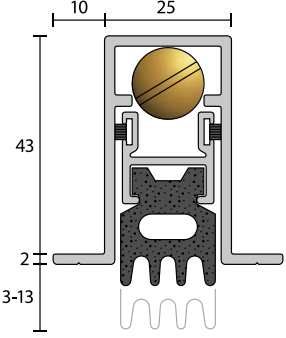


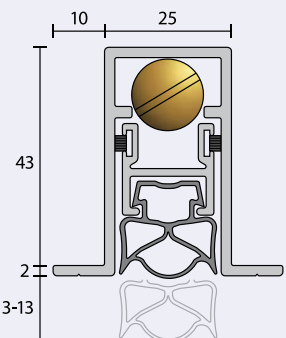


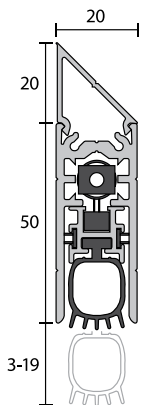


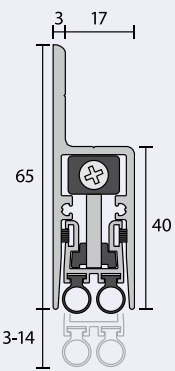


PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP124		 C M200°C BAL ≤FZ	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP150		 C M200°C BAL ≤FZ	M	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

FIRE AND SMOKE SEALS

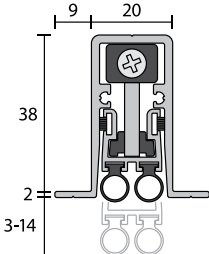


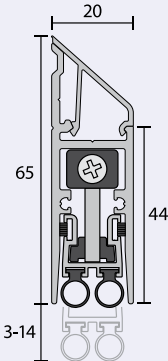


PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP63		 C M200°C BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER
RP76		 C M200°C BAL ≤FZ	H	AS 1530.4 2014 DOORS
RP76Si		 C M200°C BAL ≤FZ	H	AS 1530.4 2014 DOORS
RP114		 C M200°C BAL ≤FZ	H	AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP160		 C M200°C BAL ≤FZ	M	AS 1530.4 2005 DOORS & EARLIER

FIRE, SMOKE AND ACOUSTIC SEAL				
PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP122				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
AUTOMATIC DOOR BOTTOM SEALS				
PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP3				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP8FZ				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP8Si				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS

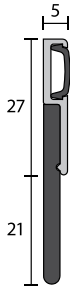


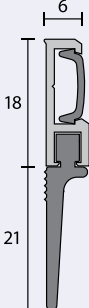


AUTOMATIC DOOR BOTTOM SEALS				
PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP35Si				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP38				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP38Si				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP60				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS

AUTOMATIC DOOR BOTTOM SEALS				
PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP70		 BAL ≤FZ		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP70Si		 BAL ≤FZ		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP99Si		 BAL ≤FZ		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP126Si		 BAL ≤FZ		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS

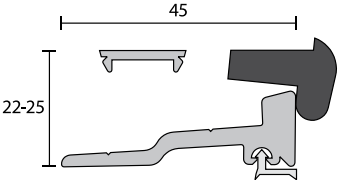
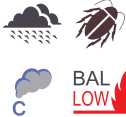

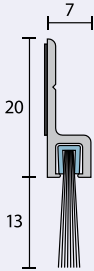
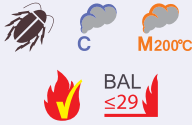

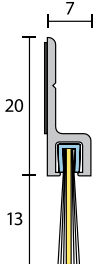
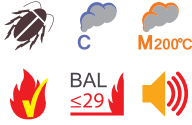

AUTOMATIC DOOR BOTTOM SEALS

PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP127Si				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP128Si				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

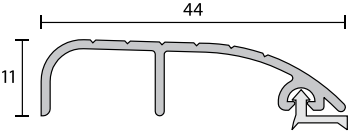


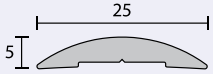


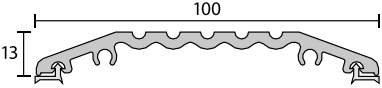


DOOR BOTTOM SWEEP SEALS

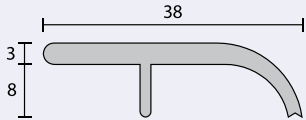


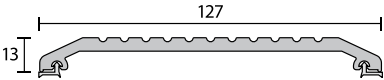


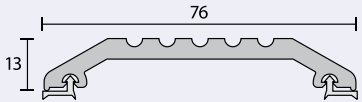


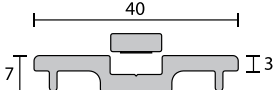



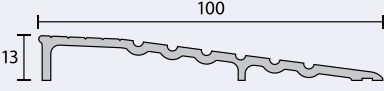



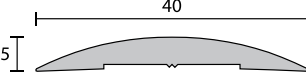



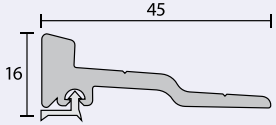


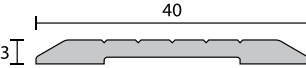



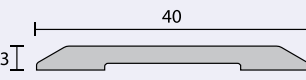



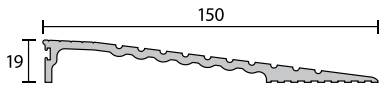



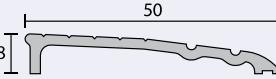



PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP26				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP51Si				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

DOOR BOTTOM SWEEP SEALS

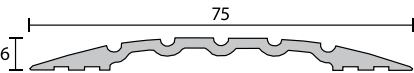



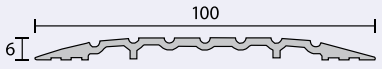



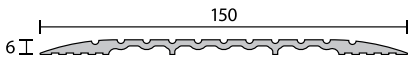



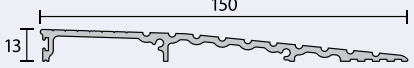



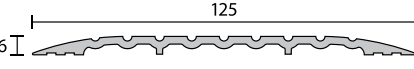



PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP54				AS 1530.4 2005 DOORS & EARLIER
RP74				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP74F				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

THRESHOLD PLATES

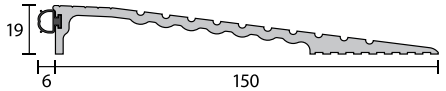







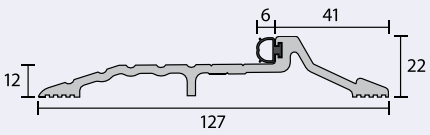







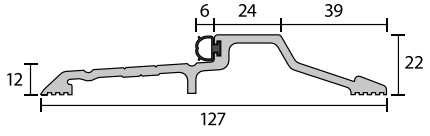







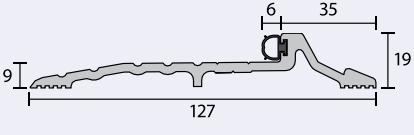







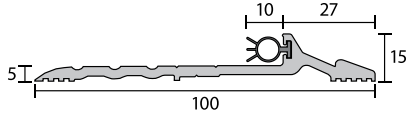







PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP4b				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP13				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP19				AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS

THRESHOLD PLATES				
PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP27				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP28				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP29				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP66		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP77		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP82		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP91				AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP95		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP96		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP98		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS
RP112		 		AS 1530.4 2005 DOORS & EARLIER
				AS 1530.4 2014 DOORS



THRESHOLD PLATES



PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP115		 		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP116		 		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP137		 		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP138		 		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP151		 		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS



THRESHOLD PLATE SEALS



PRODUCT CODE	PRODUCT IMAGE	APPLICATIONS	DUTY LEVEL	STANDARD
RP97Si		     		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP109Si		     		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP110Si		     		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP111Si		     		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS
RP117Si		     		AS 1530.4 2005 DOORS & EARLIER AS 1530.4 2014 DOORS



Classified UL & Certifire Accreditations



DOOR FRAME / PERIMETER SEALS		
PRODUCT CODE		
RP10Si	✓	✓
RP24Si	✓	✓
RP39	—	✓
RP47Si	✓	✓
RP78Si	✓	✓
RP78HSi	—	✓
RP84Si	✓	✓
RP87Si	✓	✓
RP87HSi	—	✓
RP93Si	✓	✓
RP94Si	✓	✓
RP118Si	✓	✓
RP120	✓	✓
RP124	✓	✓
RP150	✓	✓

AUTOMATIC DOOR BOTTOM SEALS		
PRODUCT CODE		
RP8Si	✓	✓
RP35Si	✓	✓
RP38Si	✓	✓
RP70Si	✓	✓
RP99Si	✓	✓
RP126Si	✓	✓
RP127Si	✓	✓
RP128Si	✓	✓

DOOR BOTTOM SWEEP SEALS		
PRODUCT CODE		
RP51Si	✓	✓

THRESHOLD PLATES		
PRODUCT CODE		
RP13	✓	—
RP28	✓	—
RP29	✓	—

THRESHOLD PLATES		
PRODUCT CODE		
RP77	✓	—
RP82	✓	—
RP95	✓	—
RP96	✓	—
RP98	✓	—
RP112	✓	—
RP137	✓	—
RP138	✓	—

THRESHOLD PLATE SEALS		
PRODUCT CODE		
RP97Si	✓	✓
RP109Si	✓	—
RP110Si	✓	✓
RP111Si	✓	✓
RP117Si	✓	✓

Index

RP3.....	7
RP4b.....	11
RP8FZ.....	7
RP8Si.....	7
RP10.....	4
RP10Si.....	4
RP13.....	11
RP19.....	11
RP23.....	4
RP24.....	4
RP24Si.....	4
RP26.....	10
RP27.....	12
RP28.....	12
RP29.....	12
RP35Si.....	8
RP38.....	8
RP38Si.....	8
RP39.....	4
RP47Si.....	4
RP51Si.....	10
RP54.....	11
RP56.....	4

RP60.....	8
RP63.....	6
RP66.....	12
RP70.....	9
RP70Si.....	9
RP74.....	11
RP74F.....	11
RP76.....	6
RP76Si.....	6
RP77.....	12
RP78HSi.....	5
RP78Si.....	5
RP82.....	12
RP84Si.....	5
RP87HSi.....	5
RP87Si.....	5
RP91.....	12
RP93Si.....	5
RP94Si.....	5
RP95.....	12
RP96.....	12
RP97Si.....	13
RP98.....	12

RP99Si.....	9
RP109Si.....	13
RP110Si.....	13
RP111Si.....	13
RP112.....	12
RP114.....	6
RP115.....	13
RP116.....	13
RP117Si.....	13
RP118Si.....	5
RP120.....	5
RP122.....	7
RP124.....	6
RP126Si.....	9
RP127Si.....	10
RP128Si.....	10
RP137.....	13
RP138.....	13
RP150.....	6
RP151.....	13
RP160.....	6



Raven Products Pty. Ltd.

Head Office and Factory

18 - 22 Aldershot Road
Lonsdale, South Australia 5160
Australia

PO Box 67
Lonsdale, South Australia 5160
Australia

T +61 8 8384 5455

Sales Enquiries

T 1800 888 123
Free call anywhere in Australia
E sales@raven.com.au

Technical Advice

E tech.advice@raven.com.au

raven.com.au

Disclaimer

All technical data and recommendations, although based upon our research and believed to be reliable, are given in good faith but without warranty. It is understood that users will independently determine the suitability of all products shown or specified herein for their purposes and as such Raven Products Pty. Ltd. accepts no liability.

G0056-V06-250605

Exclusively brought to you by:



A: 1 Tampines North Drive 3 #07-09
BHCC Space
Singapore 528499
P: +65 6100 7824
E: support@faishak.com

A: G2 , No. 5/16, Thayammal Kudil
Deva Raja St, West Tambaram
Tamil Nadu India 600045
P: +91 6369 1388 35
E: support@faishak.com



Hong Kong and China Mainland

T +852 2987 6257
E cs.hk@ravensealing.com

India

T +91 87545 04448
E cs.in@ravensealing.com

Singapore

T +65 6543 6810
E cs.sg@ravensealing.com

United Arab Emirates

T +971 54 545 4133
E cs.me@ravensealing.com

United States of America

T +1 888 466 0030
E cs.us@ravensealing.com

