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ELECTRONIC BLUEPRINT is the principal point of reference and knowledge base for Architects, Engineers and Builders and the only package that fully integrates regulatory & standards requirements with comprehensive, editable specifications, CAD details and approved industry training.

Raven Products Pty Ltd
Electronic Blueprint Specification



Section 6 – Windows, Doors & Glazing *(What's this?)*

- Seals
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Section 18 – Vehicular Doors *(What's this?)*

- Weather Seals

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Section 6

Seals
Seals used around doors, windows, glazing and the like to limit the ingress of air, light, weather, insects, noise, smoke, and embers shall comply with the following schedule of Australian Standards and BCA requirements.

Function	Australian Standards	BCA Vol 1 and 2 Including, but not limited to, the following Clauses
Weather seals	AS 4420.4 Air infiltration test AS 4420.5 Water penetration resistance test AS 2047 Windows in buildings—Selection and installation AS 1939 Degrees of protection provided by enclosures for electrical equipment AS 1530.7 Smoke control door and shutter assemblies.	F1 Damp and weatherproofing 2.2.2 Weather proofing - Openings around windows and doors P 2.2.1 Performance provision, Surface water J2 Energy efficiency 3.12 Energy efficiency
Acoustic seals	AS 1191 Acoustics – Measurements of airborne sound transmission loss of building partitions AS 1276 Acoustics – Rating of sound insulation in buildings	F5 Sound transmission & insulation Part 3.8.6 Sound insulation
Fire and smoke seals	AS 1530.4 Fire resistance tests of elements of building construction AS 1530.7 Smoke control door and shutter assemblies AS 1905.1 Components for the protection of openings in fire resistant walls – Fire resistant doorsets AS 1851 Maintenance of fire protection equipment AS 1735.11 Lifts, escalators and moving walks – Fire rated landing doors	D 1.12 C3.4 Fire doors, Smoke doors E3.6, E2.2, E1.8, C3.10 Fire & hot smoke resistance G5 Construction in bushfire prone areas Part 3.7.4 Bushfire areas
Access and mobility seals	AS 1428.1 Design for access and mobility – new building work AS 1735.12 Lifts, escalators and moving walks – Facilities	D3 Access for people with disabilities

	for persons with disabilities	
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Suitable products are:		1416
Specified requirements	Complying product reference	Contact for further details

Door Sealing Systems	Raven seals from catalogue or web site, and generally as shown below.	Raven Products Pty Ltd Head office & Factory 18-22 Aldershot Rd Lonsdale SA 5160 Ph:08 8384 5455 Fax: 08 8382 8885 sales@raven.com.au tech.advice@raven.com.au www.raven.com.au
Acoustic Sealing Acoustic Sealing System broad butt hinged doors (H/D Adjustable)	RP24, RP38, RP16, RP71, RP70, RP66	
Acoustic Sealing System broad butt hinged doors (Heavy Duty)	RP47, RP70, RP16, RP71, RP99, RP66	
Acoustic Sealing System broad butt hinged doors (Med Duty)	RP10, RP8, RP71, RP16, RP66	More details...click here
Clean Room Acoustic M/D broad butt hinge doors	RP48Si, RP8, RP96	Editable version of this specification
Bulk Head Sealing Systems Plant Room I Emergency Exit broad butt hinged doors	RP97Si, RP110Si, RP16, RP93Si, RP47, RP23, RP39	Create My Product Spec
Smoke & Fire Sealing (Passive Protection) Smoke Door Sealing Systems	RP99Si, RP38Si, RP8Si, RP61Si, RP78Si, RP71Si, RP96, RP95, RP66	
Smoke Sealing Fire Rated (Labelled) broad butt hinged doors	RP78Si, RP38Si, RP99Si, RP94Si, RP93Si, RP10Si, RP24Si, RP8Si, RP66	
Fire & Smoke Seals (Intumescent)	RP63, RP1004, RP1004S, RP1004F, RP76, RP2004, RP2004S, RP2004F, RP76Si	
Weather Sealing Doors (Draughts, Dust, Rain, Embers, Vermin, Insects, Light) Door Weather Sealing System broad butt hinged doors	RP78, RP94Si, RP4, RP16, RP113, RP4T/RP77, RP71, RP97	
Commercial Shop Front broad butt hinged doors	RP98, RP10, RP8, RP77	
Double Acting Centre Pivot Doors (Timber)	RP28, RP74, RP82, RP95, RP96	
Double Acting Centre Pivot Doors (Aluminium)	RP75, RP74, RP18, RP19, RP28, RP77	
Sliding Doors	RP73, RP2, RP2A, RP2B, RP81, RP17B, RP15	
Roll-up Garage Doors	RP57, RP4T, RP91, RP29	
Tilt-up Garage Doors	RP26, RP91, RP75, RP5, RP29	
Light Sealing doors	RP10, RP38, RP78, RP74	
Panel-Lift Garage Doors	Refer Brush Strip Seals	
Joinery Weather Stripping	Refer Silicon Weather Stripping	
Revolving Doors	Refer Brush Strip Seals	
Bi-Fold Doors	Refer Silicon Weather Stripping and Brush Strip Seals	
Seal and Product Types Door Bottom Seals (automatic and sweep)	RP3, RP8, RP8Si, RP38, RP38Si, RP60, RP70, RP92, RP99, RP99Si, RP4, RP4T, RP5, RP17, RP17B, RP26, RP30, RP31, RP32, RP33, RP34, RP54, RP81, RP86	
Threshold Plate Seals (including panic exit device thresholds)	RP9, RP45, RP46, RP97Si, RP109Si, RP110Si, RP111Si	
Threshold Plates	RP4B, RP13, RP18, RP19, RP27, RP28, RP29, RP66, RP77, RP82, RP91, RP95, RP96, RP98, RP112	

Section 18

<p>Weather Seals Where protection from the ingress of weather is required, weather sealing systems shall be used.</p>		
Suitable products are:		1802
Specified requirements	Complying product reference	Contact for further details
Weather sealing system Roll-up vehicular door	<p>Raven seals from catalogue or web site, and generally as shown below.</p> <p>Door Head (Lintel) RP57</p> <p>Door Bottom Seal RP4T</p> <p>Threshold Plate RP91 or RP29</p> <p>See also section on Windows, Doors and Glazing</p>	<p>Raven Products Pty Ltd Head office & Factory 18-22 Aldershot Rd Lonsdale SA 5160 Ph:08 8384 5455 Fax: 08 8382 8885 sales@raven.com.au tech.advice@raven.com.au www.raven.com.au</p> <p>More details...click here</p>
Weather sealing system Tilt-up vehicular door	<p>Raven seals from catalogue or web site, and generally as shown below.</p> <p>Door Bottom Seal RP26</p> <p>Threshold Plate RP91 or RP29</p> <p>Door Stiles RP75 or RP5</p> <p>See also section on Windows, Doors and Glazing</p>	<p>Editable version of this specification</p> <p>Create My Product Spec</p>