

AQUAKNIGHT DOWNPIPE JUNCTION

PURPOSE

Aquaknight Downpipe Junction enables the efficient management of drainage from upper level decks by connecting the downpipe of an upper level drain with that of a lower deck drainage outlet or overflow. It is intended to be used in conjunction with sheet membrane, torch-on or liquid waterproofing systems.

EXPLANATION

Aquaknight Downpipe Junctions are hi-flow, uPVC outlets with a vented or non-vented, stainless steel flat lid/down pipe insert.

Installation dimensions for Aquaknight Downpipe Junctions are:

- 230 x 4 mm rebate and
- 182 mm hole saw floor

Except for the 150 mm inlet which is:

- 285 x 4 mm rebate
- 232 mm hole saw floor

Aquaknight Downpipe Junctions are available in the following sizes:

Inlet type	Vented	Non-vented	Configuration	Outlet size (mm)	Height mm)
65 mm	Yes	Yes	Bottom exit	80Ø , 100Ø	177
80 mm	Yes	Yes	Side exit	80Ø	177
			Bottom exit	80Ø, 100Ø	
100 mm	Yes	Yes	Bottom exit	100Ø	177
150 mm	Yes	Yes	Bottom exit	150Ø	194



For further assistance please contact:

- ☎ 09 832 2214
- ✉ admin@aquaknight.co.nz
- 🌐 www.aquaknight.co.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In all corrosion zones as defined in NZS 3604:2011.	For micro-climates as defined in NZS 3604: 2011, contact Aquaknight for material selection information.
Building In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work. In conjunction with a single or multi-layer, waterproof membrane up to 8mm in thickness.	Subject to sufficient fall and outlets.

USEFUL INFORMATION

For information on the design, installation and maintenance of Aquaknight Deck Drains, and for our warranty, refer to www.aquaknight.co.nz.

OTHER CERTIFICATIONS HELD BY AQUAKNIGHT

- WaterMark License Number 021417



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Aquaknight Industries' requirements, the Aquaknight Downpipe Junctions will meet the following performance claims:

N.Z. Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement ¹	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, c, j)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Product meets requirements of AS/NZS 1260, including test methods referenced in that standard. Product meets the requirements of AS/NZS1254:2010 tested for stiffness classes SN2, SN4 & SN8.
B2 Durability B2.3.1 (b)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Product meets requirements of AS/NZS 1260, including test methods referenced in that standard. Historic material performance.
E1 Surface Water E1.3.3 (a, b, c, d, e, f)	ACCEPTABLE SOLUTION E1/AS1 Table 1	<ul style="list-style-type: none"> uPVC in accordance with AS/NZS 1260 complies with E1/AS1.
F2 Hazardous Materials F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Product meets requirements of AS/NZS 1260, including test methods referenced in that standard, including manufacture of PVC resin.

1. The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

Other performance statement	BASIS OF STATEMENT
	Demonstrated by
Aquaknight will not contaminate potable water	<ul style="list-style-type: none"> Stainless steel is not porous and therefore not conducive to mold development. uPVC does not support the growth of mold.

SOURCES OF INFORMATION

- WaterMark License Number 021417 Retrieved from <https://www.abcb.gov.au/Product-Certification/WaterMark-Certification-Scheme/WMPD-Search>
- AS/NZS 1260:2017 PVC-U pipes and fittings for drain, waste and vent applications
- Waterproofing Membrane Association Inc, Code of Practice
- NZS3604:2011 Timber Framed Buildings



VERSION: **DATE:**

Note: Uncontrolled in printed format.

NAME: Rodney Knight

POSITION: Managing Director

Signed on behalf of Aquaknight::

By signing this pass™ the signatory confirms that, in respect of the subject of this pass™, the company has met their s14G obligations under the Building Act 2004.



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