

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.

Aquaknight Downpipe Junctions are available in the following sizes:



For further assistance please contact:

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



Configuration	Inlet Diameter (mm)	Outlet Diameter (mm)	Flange Installed Height	Installation:	
				Rebate mm	Core Drill mm
Bottom Exit	65	65	80	Ø175x5	Ø128
Bottom Exit	65	80	87	Ø173x4	Ø140
Bottom Exit	80	80	87	Ø173x4	Ø140
Side Exit	65	80	102	Ø230x4	Ø187
Side Exit	80	80	102	Ø230x4	Ø187
Bottom Exit	65	100	112	Ø230x4	Ø187
Bottom Exit	80	100	112	Ø230x4	Ø187
Bottom Exit	100	100	112	Ø230x4	Ø187
Bottom Exit	65	150	122	Ø285x4	Ø235
Bottom Exit	80	150	122	Ø285x4	Ø235
Bottom Exit	100	150	122	Ø285x4	Ø235
Bottom Exit	150	150	122	Ø285x4	Ø235

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	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.

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

Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.aquaknight.co.nz/downloads/storm-water/



- Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
- Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of Aquaknight Industries Ltd and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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