

AQUAKNIGHT ROOF DRAIN

PURPOSE

Aquaknight Industries supplies Aquaknight Roof Drains for use as outlets and/or overflow drains in conjunction with a variety of multi-layer and torch-on waterproofing membranes in domestic and commercial applications.

EXPLANATION

Aquaknight Deck Drain is a hi-flow, uPVC outlet with a stainless steel, domed lid and a stainless steel, interlocking clamp ring. The fittings have a clamping force of more than 7tons.

Installation dimensions for Aquaknight Roof Drains:

- 187mm hole saw floor and 232mm x 4mm rebate
- Bottom Exit 150mm spigot requires 235mm hole saw floor, with a 282mm x 4mm rebate

Aquaknight Deck Drains are available in the following sizes:

	Inlet size	Outlet size	Solvent welds	Height (mm)
Side exit 80mm spigot	100mm	80mm	Inside 80mm	102
Bottom exit 100/80mm spigot	100mm	100mm	Inside 100mm	121
Bottom exit 150mm spigot	150mm	150mm	Inside 150mm	122
Bottom exit 50mm spigot	100mm	50mm	Inside 50mm	112
Bottom exit 80mm spigot	100mm	80mm	Inside 80mm	121



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.



Aquaknight dome drains were specified to complement the warm roof system at the Whakapapa ski building on Mount Ruapehu.

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 Aquaknight Industries' requirements, the Aquaknight Deck Drain 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. Test methods referenced in this 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 statements	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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