



AQUAKNIGHT ROOF DRAIN

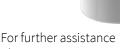
PURPOSE

Aquaknight Industries supplies Aquaknight Roof Drains for use as outlets/or overflow drains in conjunction with single-layer, multi-layer and monolithic waterproofing membranes in domestic and commercial applications.

EXPLANATION

Aquaknight Roof Drain is a hi-flow, uPVC outlet with a stainless-steel clamping ring and stainless steel domed lid featuring extended leaf-guards. The fittings have a clamping force suitable to seal all modern membrane installations.

Aquaknight Roof Drains are available in the following sizes:

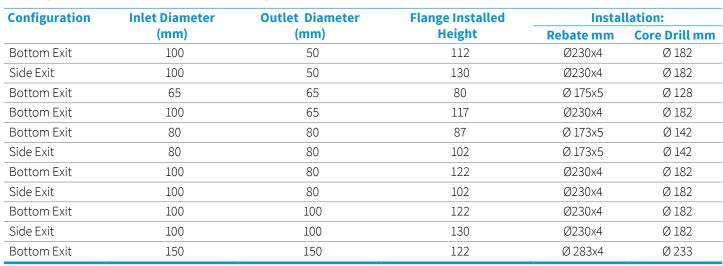


please contact:



admin@aquaknight.co.nz

www.aquaknight.co.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
In all exposure 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 $8\,\mathrm{mm}$ in thickness.

- > Subject to sufficient fall and outlets.
- > Flow rates to be calculated in accordance with E1/AS1 or E1/VM1.

USEFUL INFORMATION

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

OTHER CERTIFICATIONS HELD BY AQUAKNIGHT

> ISO 9001 certification [SGS, 05/02/2020].



VERSION:

2.1



PERFORMANCE CLAIMS

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

N.Z. Building	BASIS OF COMPLIANCE		
Code clauses Compliance statement	Compliance statement	Demonstrated by	
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, c, j)	ALTERNATIVE SOLUTION	Manufactured in accordance with AS/NZS 3500 and AS/NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013].	
B2 Durability B2.3.1 (b)	ALTERNATIVE SOLUTION	Manufactured in accordance with AS/NZS 3500 and AS/ NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013].	
		> Historic material performance.	
E1 Surface Water E1.3.3	ACCEPTABLE SOLUTION E1/AS1 and	Manufactured in accordance with AS/NZS 3500 and AS/ NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013].	
	VERIFICATION METHOD E1/VM1	> Flow rates calculated in accordance with E1/AS1 or E1/VM1.	
F2 Hazardous Materials F2.3.1	ALTERNATIVE SOLUTION	Manufactured in accordance with AS/NZS 3500 and AS/NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013].	
Other performance	BASIS OF STATEMENT		
statements	Demonstrated by		
Aquaknight Roof Drain will not	> Stainless steel is not porous and therefore not conducive to mould development.		
contaminate potable water) uPVC does not support the growth of mould.		

SOURCES OF INFORMATION

- Aquaknight. [2017] *Roof drain*. https://www.aquaknight.co.nz/roof-drain-2/.
- > Chemvin Plastics Ltd. [22/11/2013] Technical Data Sheet.
- > SGS. [05/02/2020]. ISO 9001. Certificate NZ20/873752.
- 1. 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.
- The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™.

Aquaknight Industries Ltd confirms that if the Aquaknight Roof Drain is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue:	30/07/2019
Date of current issue:	20/12/2022
NZBN:	9429000113274



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

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



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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