

AQUAKNIGHT INTERBALCONY DRAIN

PURPOSE

Aquaknight Industries supplies Aquaknight Interbalcony Drains for use as outlets in conjunction with single-layer, multi-layer, and monolithic waterproofing membranes in domestic and commercial applications. Most commonly used for common-downpipe drainage of multiple balconies and installed under floating tiles. Available in either draining or sealed versions.

EXPLANATION

Aquaknight Interbalcony Drain is a hi-flow, uPVC outlet with a stainless-steel clamping ring and plastic downpipe connection. The fittings have a clamping force suitable to seal all modern membrane installations.

Aquaknight Deck Drains 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	Ø 175x5	Ø 128
Bottom Exit	65	65	122	Ø230x4	Ø 182
Bottom Exit	65	80	87	Ø 173x5	Ø 142
Bottom Exit	65	80	122	Ø230x4	Ø 182
Side Exit	65	80	102	Ø 173x5	Ø 142
Side Exit	65	80	122	Ø230x4	Ø 182
Bottom Exit	65	100	122	Ø230x4	Ø 182
Side Exit	65	100	130	Ø230x4	Ø 182
Bottom Exit	65	150	122	Ø 283x4	Ø 233
Bottom Exit	80	80	102	Ø 173x5	Ø 142
Bottom Exit	80	80	122	Ø230x4	Ø 182
Side Exit	80	80	102	Ø 173x5	Ø 142
Side Exit	80	80	122	Ø230x4	Ø 182
Bottom Exit	80	100	122	Ø230x4	Ø 182
Side Exit	80	100	130	Ø230x4	Ø 182
Bottom Exit	80	150	122	Ø 283x4	Ø 233
Bottom Exit	100	100	122	Ø230x4	Ø 182
Side Exit	100	100	130	Ø230x4	Ø 182
Bottom Exit	100	150	122	Ø 283x4	Ø 233
Bottom Exit	150	150	122	Ø 283x4	Ø 233

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 8mm 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 Interbalcony Drains, and for our warranty, refer to www.aquaknight.co.nz.

OTHER CERTIFICATIONS HELD BY AQUAKNIGHT

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

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Aquaknight Industries' requirements, the Aquaknight Interbalcony Drain 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"> 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	<ul style="list-style-type: none"> 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 VERIFICATION METHOD E1/VM1	<ul style="list-style-type: none"> Manufactured in accordance with AS/NZS 3500 and AS/NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013]. Flow rates calculated in accordance with E1/AS1 or E1/VM1. 	
F2 Hazardous Materials F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Manufactured in accordance with AS/NZS 3500 and AS/NZS 1260 [Aquaknight, 2017; Chemvin Plastics Limited, 22/11/2013]. 	
Other performance statement		BASIS OF STATEMENT	
		Demonstrated by	
Aquaknight Interbalcony Drains will not contaminate potable water		<ul style="list-style-type: none"> Stainless steel is not porous and therefore not conducive to mould development. uPVC does not support the growth of mould. 	

SOURCES OF INFORMATION

- Aquaknight. [2017] *Interbalcony Membrane Drainage*. <https://www.aquaknight.co.nz/down-pipe-junction-inter-balcony/>
- Chemvin Plastics Ltd. [22/11/2013] *Technical Data Sheet*.
- SGS. [05/02/2020]. *ISO 9001*. Certificate NZ20/873752.

- 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™.



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

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



Aquaknight Industries Ltd confirms that if the Aquaknight Interbalcony 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

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.

9606D66ADE51EA6CCC25850D00239F99