

Approval Certificate

Trade waste pre-treatment product

Applicant: Blucher Australia Pty Ltd
Postal address: Corunna Avenue
 MELROSE PARK SA 5039
Manufacturer: Blucher Australia Pty Ltd
Address: Corunna Avenue MELROSE PARK SA 5039

Attention: Matthew Carman
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Product/Device Description

Blucher Australia provides industrial floor drains for industrial, commercial and residential drainage systems.

Grate options are wide and varied. Grates range from 3mm, 10mm slot, mesh, cast, ladder and wedge wire grates. Gas tight covers are also available. A removable water trap and p-trap can also be made available for most Options. All items are manufactured from various grades of stainless steel.

The approval certificate applies to the pre-treatment devices of the following sizes:

Approval Number	Option	Drain Bowl (DB)					Filter Basket			Secondary Strainer	
		Size of Top (mm)	Size of DB	Floor Type	Outlet Size (mm)	Outlet Direction	Vol (L)	Hole Size (mm)	No. of Holes	Hole Size (mm)	No. of Holes
AN-047-01	A	200 - □	FH	C&TF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-02	B	300 - □	FH	C&TF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-03	C	300 - □	FH	C&TF	160	Vertical	1.898	3.8	3,413	3.8	733
AN-047-04	D	200 - □	HH	C&TF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-05	E	300 - □	HH	C&TF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-06	F	300 - □	HH	C&TF	160	Vertical	1.898	3.8	3,413	3.8	733
AN-047-07	G	200 - □	FH	C&TF	110	Horizontal	0.753	3.8	1,789	3.8	301
AN-047-08	H	300 - □	FH	C&TF	110	Horizontal	1.898	3.8	3,413	3.8	301
AN-047-09	I	200 - ○	FH	C&TF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-10	J	300 - ○	FH	C&TF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-11	K	300 - ○	FH	C&TF	160	Vertical	1.898	3.8	3,413	3.8	733
AN-047-12	L	200 - ○	HH	C&TF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-13	M	300 - ○	HH	C&TF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-14	N	300 - ○	HH	C&TF	160	Vertical	1.898	3.8	3,413	3.8	733
AN-047-15	O	200 - ○	FH	C&TF	110	Horizontal	0.753	3.8	1,789	3.8	301
AN-047-16	P	300 - ○	FH	C&TF	110	Horizontal	1.898	3.8	3,413	3.8	301
AN-047-17	Q	200 - ○	FH	VF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-18	R	300 - ○	FH	VF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-19	S	200 - ○	FH	VF	110	Horizontal	0.753	3.8	1,789	3.8	301
AN-047-20	T	300 - ○	FH	VF	110	Horizontal	1.898	3.8	3,413	3.8	301
AN-047-21	U	300 - ○	FH	VF	160	Vertical	1.898	3.8	3,413	3.8	733
AN-047-22	V	200 - ○	HH	VF	110	Vertical	0.753	3.8	1,789	3.8	301
AN-047-23	W	300 - ○	HH	VF	110	Vertical	1.898	3.8	3,413	3.8	301
AN-047-24	X	300 - ○	HH	VF	160	Vertical	1.898	3.8	3,413	3.8	733

□ - square; ○ - round; FH – full height; HH – half height; C&TF – concrete and tiled floor; VF – vinyl floor

Special Conditions of Approval

1. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
2. The product shall be *installed* strictly in accordance with the manufacturer's written instructions and the *Plumbing Standards*.
3. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
4. The product chosen must be suitably sized to avoid surge conditions.
5. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
6. This approval certificate is not an endorsement of the product by Water Corporation, and no claim shall be made in advertising, promotion or other manner to the effect.
7. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product.



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Special Conditions of Approval (continued)

8. The proponent of the approved product must formally seek a request for re- approval of the product no later than three (3) months before the assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
9. Water Corporation reserves the right to vary any requirements at any time. Any application of this condition normally occurs after consultation with the manufacturer, supplier and end business user connected to Water Corporation's sewer.
10. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
11. The proponent of the approved product accepts that the information provided in this document shall be made publically available.

General Conditions of Approval

Approval shall be **suspended** where any of the following conditions are not met:

1. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
2. The product shall be manufactured in accordance with the Water Corporation's requirements at the time of approval.
3. The product shall be manufactured to comply according to the details noted in **WSAA Product Appraisal Report TWA 1007** (published 8th February 2011) in addition to any further details provided by the proponent when seeking this approval.
4. The product supplied for use in Water Corporation's area of operations shall comply with the requirements shown on this approval certificate. Sizes, classes, lengths or other product variables which are available with the product but which are not approved as listed on this approval certificate shall not be offered by the supplier for use in Water Corporation's area of operations.
5. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
6. Prior to any business (which is connected to Water Corporation's sewer) installing this product the business must apply to Water Corporation for a *Trade Waste Permit* for approval to discharge.
7. If this certificate has been issued to the manufacturer of this product then it is the responsibility of the manufacturer to ensure all current and future suppliers / vendors of this product are provided a copy of this approval certificate.

Approval shall be **reviewed** where any of the following conditions occur:

1. The product is manufactured with either different materials, methods of manufacture, location of manufacture, source of raw materials, component subcontractors or models to that at the time of approval.
2. The ownership of the primary manufacturer or any subcontractors is varied from that at time of approval.
3. The standards and/or specifications to which the product was required to comply with at the time of approval have been amended or revised.
4. The product has been found to sustain damage or provide unsatisfactory performance on occasions of number considered excessive by Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

Approved Drawing(s):	As per drawings on Appendix B of WSAA Product Appraisal Report TWA 1007
Authorising person:	Stephen Jerkovic (Supervisor Investigations)
Date issued	12 November 2015
Validity period:	Five (5) years