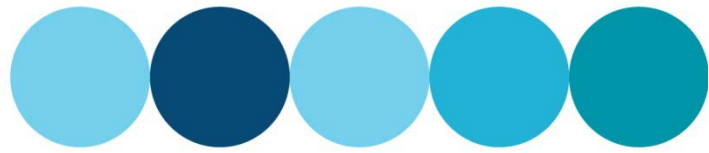


Approval certificate

Trade waste pre-treatment product



Applicant: MM Kembla
Postal address: 30 Gloucester Boulevard, Port Kembla, NSW, 2505

Attention: Felix Velasco
Web: www.kembla.com

Manufacturer: MM Kembla
Address: 30 Gloucester Boulevard, Port Kembla, NSW, 2505

Email: fvelasco@kembla.com.au

Product/device description

MM Kembla provides industrial floor drains for industrial, commercial and residential drainage systems.

Grate options are available in various shapes, dimensions and finishes. Waste baskets can be either shallow (for use with removable water traps) or a deep version with either 2 or 4 mm perforations. Fixed secondary strainers are either 2 or 4 mm perforations.

The device range is manufactured from 316L stainless steel.

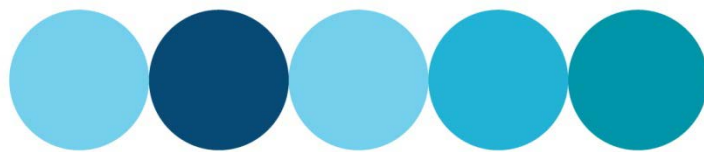
The approval certificate applies to the pre-treatment devices of the following sizes:

Approval Number	Model ID	Description	Body Size (mm)	Outlet Size (mm)	Filter Basket			Secondary Strainer	
					Vol (L)	Hole Size (mm)	No. of Holes	Hole Size (mm)	No. of Holes
AN-068-01	X97806	removable trap	157	N/A	N/A	N/A	N/A	N/A	N/A
AN-068-02	X97807	removable trap	255	N/A	N/A	N/A	N/A	N/A	N/A
AN-068-03	X97808	shallow basket	157	N/A	0.4	4.0	513	N/A	N/A
AN-068-04	X97809	deep basket	157	N/A	1.4	4.0	1,278	N/A	N/A
AN-068-05	X97810	shallow basket	255	N/A	1.1	4.0	1,164	N/A	N/A
AN-068-06	X97811	deep basket	255	N/A	4.3	4.0	2,672	N/A	N/A
AN-068-07	X97812	secondary strainer	N/A	110	N/A	N/A	N/A	4.0	210
AN-068-08	X97813	secondary strainer	N/A	160	N/A	N/A	N/A	4.0	456
AN-068-09	X97855	shallow basket	157	N/A	0.4	2.0	2,052	N/A	N/A
AN-068-10	X97856	deep basket	157	N/A	1.4	2.0	5,112	N/A	N/A
AN-068-11	X97857	shallow basket	255	N/A	1.1	2.0	4,658	N/A	N/A
AN-068-12	X97858	deep basket	255	N/A	4.3	2.0	10,688	N/A	N/A
AN-068-13	X97859	secondary strainer	N/A	110	N/A	N/A	N/A	2.0	842
AN-068-14	X97860	secondary strainer	N/A	160	N/A	N/A	N/A	2.0	1,825

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*. The Foul Air Trap (FAT) option cannot replace the requirement to install P-traps as per the *Plumbing Standards*.
3. This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's [*Typical Drawings for Trade Waste – DN100 Trade Waste Trap With Floor Strainer Unit \(HX33-11-10\)*](#).
4. The product shall be *maintained* to ensure the ongoing reliability of the product.
5. The product chosen must be suitably sized to avoid surge conditions.
6. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
7. 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.
8. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product. This approval is not an engineering approval or structural endorsement.
9. 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.

Approval certificate



Trade waste pre-treatment product

Special conditions of approval (continued)

10. 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.
11. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
12. 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. If there is a breach of the Special Conditions.
2. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
3. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
4. The product shall be manufactured to comply according to the details noted in **KemDrain Design and Installation Guide** (published May 2016), in addition to any further details provided by the proponent when seeking this approval.
5. 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.
6. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
7. 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.
8. 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. It is the responsibility of the proponent to immediately advise Water Corporation of any changes to the proponent's drawings and installation, operation and maintenance manuals made at the time of approval.
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 detailed in KemDrain Design and Installation Guide (published May 2016).
Authorising person:	Stephen Jerkovic (Team Leader – Investigations)
Date issued	11 Dec 2018
Validity period:	Five (5) years