



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	McAlpine (UK) 83mm Top access resealing water filling floor drain No Grating tested on BS EN 274-1:2002 / BS EN 274-2:2002 ; test report RCHG002r1	<p>Illustration/ Drawing</p>
Dimensions	Refer to drawing	
Model	FD8-NG	
Finish/ Finish	ABS / White Finish	
Manufacturer	McAlpine (UK)	
Source	Ka Shing Enterprises (H.K) Limited Mr. Ivan Lau / Mr. Gilman Yuen	
Contact Tel/Fax	(852) 2628-0661 / (852) 2490-2700	
E-mail	project@kashingehk.com	
Website	www.kashingehk.com	

Note:

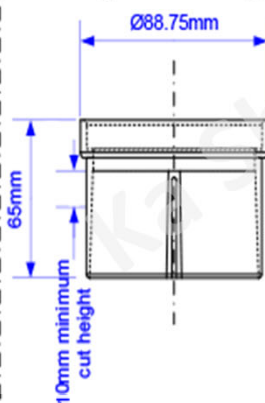
** All information of the above is for reference only. No prior notice is made if any changes.*

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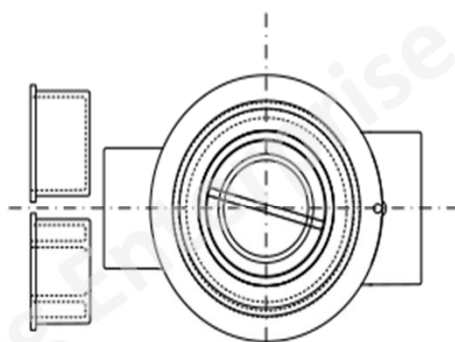
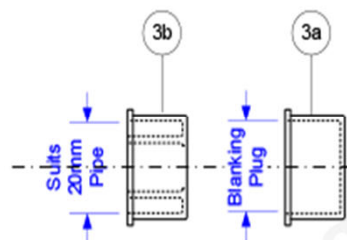
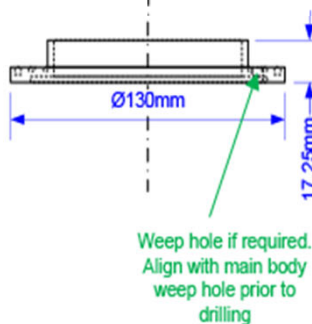
FD8-NG

Part No.	Code/Desc.	Qty
1	FD8-BODY-GLUED	1
a	FD8-BODY	1
b	GLUING	1
2	FD8-BODYSPACER	1
3	FD8-KIT-BAG	1
a	FD6-PLUG	1
b	FD6-REDUCER	1
c	P-B-6X8 (Plastic Bag)	1
d	TSGHOOK	1
4	FD8-PF-EXT50	1
5	FD8-PF-FLANGE-EXT	1
6	FD8-PF-TUBEBODY	1
7	L-LEAFLET-ON-REVIEW	1
8	P-B-9.5X19MC (Bag)	1
9	P-C-S1F (Carton)	1
10	P-OR-055.00-2.00	1

Option: extension body
can be cut to suit finish
height of flooring



Option: extended flange



4

10

6

5

2

Ø83mm

15

1 1/2"

BS5255

1a

1b

1a

Weep Hole
(If Required)

2"

BS5255

80mm Water Seal

150mm



Hook for
Removing Push Fit
Tubebody ③d

3d

Drawing verified
correct as of: 23/11/2020
RM

DRAWN BY

WC

REVISED

17/09/2020 (RM). 23/11/2020

FILENAME

FD8-NG.VSD

SCALE

1:3

DATE

23/11/2020



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TEST REPORT

REPORT REFERENCE NO. : **RCHG002r1**
(This report is issued to supersede the report with reference no.: RCHG002)

TITLE : Testing of Pipe Fitting
METHOD OF TEST : BSEN274-1: 2002 and BSEN274-2: 2002
PERIOD OF TESTS : 3rd Jul., 2019 to 26th Aug., 2019
SAMPLE SUBMITTED BY :

DESCRIPTION OF SAMPLE : "McAlpine" Top Access Resealing Floor Drain
(One Outlet / One Inlet)

BRAND : "McAlpine"

MODEL : FD8-NG

BODY MARKING : McALPINE
MADE IN U.K.
ABS

MANUFACTURER : McAlpine & Co. Ltd.

COUNTRY OF ORIGIN : United Kingdom

SUMMARY OF RESULTS :

(Definition of 'C' – Conformance, '/' – No requirement, 'NC' – Non – Conformance)

Tested item/s	Remark
1. Dimensions	C
2. Flow rate test	C
3. Leaktightness test	C
4. Temperature cycling test	C

Date: 17 Nov. 2020

Authorized signature : 

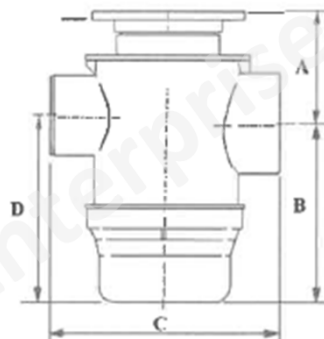
Sunny K.S. Wong
(Director)



Report reference no. : RCHG002r1

RESULTS: - (apply only to the sample tested)

1. DIMENSIONS



(BSEN274-1, Cl.4.5 and Table 2)

ID		Measured	Required	Remark
Nominal size (mm)		45	/	/
Diameter of waste inlet (mm)		43 / 56	/	/
Depth of water seal (mm) (max)		82	≥ 75	C
Floor Drain	A (mm)	58	/	/
	B (mm)	117	/	/
	C (mm)	149	/	/
	D (mm)	119	/	/
Overall result				C

2. FLOW RATE TEST

(BSEN274-1, Cl.4.6 and BSEN274-2, Cl.5)

Water flowrate	Measured	Required	Remark	
for trap used in wash basin and bidet (l/s)	0.78	≥ 0.6	C	
for trap used in kitchen sink(l/s)		≥ 0.7	C	
Overall result				C



3. LEAKTIGHTNESS TEST

(BSEN274-1, Cl.4.7.2, BSEN274-2, Cl.6.2)

Water flowrate	Measured	Required	Remark
Test pressure (bar)	0.1	0.1	C
Duration (minute)	5	5	C
Overall result			C

Note : No leakage was detected during the above test.

4. TEMPERATURE CYCLING TEST

(BSEN274-1, Cl.4.3 and BSEN274-2, Cl.3)

4.1. During temperature cycling

ID	Measured	Required	Remark
Hot water temperature (°C)	93 - 95	95 -2	C
Cold water temperature (°C)	20 - 25	20 ±5	C
Water flow rate (l/s)	0.5	0.5	C
No. of cycles	5	5	C
Overall result			C

4.2. Leaktightness test immediately after temperature cycling

Water flowrate	Measured	Required	Remark
Test pressure (bar)	0.1	0.1	C
Duration (minute)	5	5	C
Overall result			C

Note : No leakage was detected during the above test.



Report reference no. : RCHG002r1



Figure 1-Sample



Figure 2 – Body marking

- End of report -