



**KOMO®**  
**Product certificate**  
**K100978/01**



Issued 2019-03-01 Replaces -  
 Valid until Indefinite Dated  
 Page 1 of 3

**Waterless traps**  
**McAlpine & Co Ltd**

**STATEMENT BY KIWA**

This product certificate is issued on the basis of BRL 5223 "Doucheputten en -goten met een waterloze stankafsluiter" dated 20 February 2013, conform the Kiwa-Regulations for Certification.

The quality system and product characteristics in association with are assessed periodically.

On this basis Kiwa declares that a justified confidence exists, that the delivered by the certificate holder at delivery fulfil:

- the technical specification laid down in this product certificate,
  - the product requirements as laid down in this product certificate and in the BRL.
- provided that has/have been marked with the KOMO®-mark in a manner as indicated in this product certificate;

Ronald Karel  
 Kiwa

**CERTIFICATE**

472181121

*Dit productcertificaat is opgenomen in het overzicht op de website van Stichting KOMO: [www.komo.nl](http://www.komo.nl).*

*Gebruikers van dit productcertificaat worden geadviseerd om te controleren of deze nog geldig is, raadpleeg hiertoe de website van Kiwa: [www.kiwa.nl](http://www.kiwa.nl).*

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**Holder of Certificate**  
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 United Kingdom

**Productionlocation**  
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 Floors St. Johnstone  
 PAS 8PE, United Kingdom



**Evaluated is:**  
 quality system  
 product  
 Periodic inspection

Waterless traps

**PRODUCTSPECIFICATION**

Waterless waist valve intended for indoor drainage, in accordance with BRL 5223.

The products in accordance with the table below, belong to this certificate.

Color: the color of the products is white.

**Table 1**


Products	Walraven code	Walraven code	Walraven code	Walraven code	Walraven code	Walraven code
MACVALVE-1		MACVALVE-11	53242	MACVALVE-21	WHB-1	MACTUN-1
MACVALVE-2		MACVALVE-12		MACVALVE-22	WHB1-32	MACTUN-2
MACVALVE-3		MACVALVE-13			WHB1-40	
MACVALVE-4		MACVALVE-14				
MACVALVE-5		MACVALVE-15				
MACVALVE-6	53232	MACVALVE-16				
MACVALVE-7	53240	MACVALVE-17				
MACVALVE-8	53235	MACVALVE-18				
MACVALVE-9		MACVALVE-19				
MACVALVE-10		MACVALVE-20				

**MARKING**

The products are marked with the KOMO®-mark.

The realization of the mark is as follows, clearly and inedible.

Mandatory marking:

- KOMO word mark or logo ;
- certificate number;
- manufacturer’s name or trade name;
- material name;
- Nominal dimensions (connection) pipe;
- production code.

Guideline: BRL 5223 (optional).

**APPLICATION AND USE**

The products are intended for use in indoor sewerage.

Take into account the following installation guidelines:

- NEN 3215 “Drainage system inside and outside buildings – Determination methods for drainage capacity, water and air density and distance for roof mounted outlets”;
- NTR 3216 “Sewerage inside dwellings – Guide for design and construction”;
- the processing guidelines of the producer.

**PROCESSING GUIDELINES**

The supplier shall provide processing instructions.

The instructions drawn up in the Dutch language shall contain specific information with regard to storage, transport and installation of the products.



## Waterless traps

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### RECOMMENDATION FOR THE CUSTOMER

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

if you should reject a delivery on the basis of the above, please contact:

- McAlpine & Co Ltd

and, if necessary:

- Kiwa Nederland B.V.

For the proper storage, transport and processing consult the instructions of the certificate holder.

NEN 3215: 2014 Drainage system inside and outside buildings – Determination methods for drainage capacity, water and air density and distance for roof mounted outlets

NTR 3216: 2012 Sewerage inside dwellings – Guide for design and construction

\* For the right version of the mentioned documents, see the last correction page of the BRL 5223