



KOMO®
Product certificate
K100978/01



Issued 2019-03-01 Replaces -
Valid until Indefinite Dated
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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

472181121

Dit productcertificaat is opgenomen in het overzicht op de website van Stichting KOMO: 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.

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Holder of Certificate
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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					
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 sewerrage.

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

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