



KOMO®  
Product certificate  
**K52103/05**



Issued	2019-12-15	Replaces	K52103/04
Valid until	Indefinite	Dated	2018-10-26
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Fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow

## Dyka B.V.

### STATEMENT BY KIWA

This product certificate is based on BRL 5215 "Rainwater drainage system based on full flow, manufactured from PE or PVC-U" dated 17 December 2018, issued according to the Kiwa-Regulation for Certification.

The quality system and the product characteristics forming part of the fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow are checked periodically. Based on this, **Kiwa declares that:**

- There is legitimate confidence that upon delivery, the fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow supplied by the certificate holder meets the requirements:
  - of the technical specifications laid down in this product certificate;
  - the product requirements laid down in the BRL.

Provided that the fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow are accompanied by the KOMO® quality mark in the manner set out in this product certificate.

Ronald Karel  
Kiwa

*This product certificate is also included in the overview on the KOMO foundation website: [www.komo.nl](http://www.komo.nl).*

*Users of this product certificate are advised to check whether it is still valid, for this purpose consult the website of Kiwa: [www.kiwa.nl](http://www.kiwa.nl).*

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**Assessed is:**

- Quality system
- Product

**Periodic control**

## Fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow

### PRODUCT SPECIFICATION

Fittings of PVC-U to be used in rainwater drainage systems based on full flow, according to guideline BRL 5215.  
The products, given in the table(s) below are part of this product certificate.

**Colour:** the colour of the PVC fittings is green, guide value RAL 6007.  
The connections are adhesive connections.

**Table 1 - Bend**

D(mm)	45°	87°	90°
40	MM,MS		MM
50	MM,MS		MM
63	MM,MS		MM
75	MM,MS		MM
90	MM,MS		MM
110	MM,MS		MM
125	MM,MS		MM
160	MM,MS		MM
200	MM	MM	
250	MM		MM

**Table 3 - Socket, MM**

D(mm)	
40	X
50	X
63	X
75	X
90	X
110	X
125	X
160	X
200	X
250	X

**Table 4 - Reducer centric**

D(mm)	
50/40	X

**Table 5 - Expansion fitting**

D(mm)	
50	X
63	X
75	X
90	X
110	X
125	X
160	X
200	X
250	X

**Table 7 – Flexible hose**

D(mm)	
50/40	X
50/50	X
50/63	X
75/75	X

**Table 2 - Reducer eccentric, MS**

D(mm)	
63/40	X
63/50	X
75/50	X
75/63	X
90/40	X
90/50	X
90/63	X
90/75	X
110/40	X
110/50	X
110/63	X
110/75	X
110/90	X
125/40	X
125/50	X
125/63	X
125/75	X
125/90	X
125/110	X
160/40	X
160/50	X
160/63	X
160/75	X
160/90	X
160/110	X
160/125	X
200/160	X
250/200	X

**Table 6 - Tees 45°, MMM**

D(mm)	
40/40	X
50/50	X
63/63	X
75/75	X
90/90	X
110/110	X
125/125	X
160/160	X
200/200	X
250/250	X

M = socket  
S = spigot




## Fittings of PVC-U to be used in Vacurain Flex rainwater drainage system based on full flow

### MARKING

The products shall be marked with the KOMO® mark.

The realization of the marks is as follows: clear, durable and indelible.

The fittings shall be marked with at least the following marks:

- KOMO word mark or logo ;
- certificate number\*;
- manufacturer's name or trade name\*;
- material designation\*;
- classification;
- nominal outside diameter of the corresponding pipe in mm;
- angle of the fitting if applicable;
- production period or production code.

Marking with BRL 5215 is optional.

\* These indications may, if not otherwise possible, be provided together with the smallest packaging unit.

### APPLICATION AND USE

The products are intended to be used in a plastic piping system for the drainage of rainwater based on full filling. The drainage of the rainwater takes place on the inside.

Take into account the following installation guidelines:

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

### RECOMMENDATIONS FOR CUSTOMERS

Check on delivery of the products listed under the "technical specification" whether:

- The product(s) and material(s) ordered are delivered in accordance with the agreement you made.
- The brand and the method of marking is correct
- No defects or damage is visible (for example, resulting from the transportation).

If on the basis of the foregoing you decide to proceed to rejection, please contact

- Dyka B.V.
- And if necessary,
- Kiwa Nederland B.V.

Carry out the storage, transport and processing in accordance with the documents of the certificate holder.

### LIST OF DOCUMENTS

NEN 3215: 2014	Drainage system inside and outside buildings – Determination methods for drainage capacity, water and air tightness and distance for roof mounted outlets
NTR 3216: 2012	Sewerage inside dwellings – Guide for design and construction