



KOMO®
product certificate
K52138/02



Issued	2017-07-01	Replaces	K52138/01
Valid until	Indefinite	Dated	2010-01-01

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Fittings for non-pressure drainage and sewerage - PVC-U

Dyka B.V.

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 52200 "Plastic piping systems for non-pressure underground drainage and sewerage – PVC-U" issued on 10 January 2017 by Kiwa, in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that legitimate confidence exists that the by the producer manufactured fittings of PVC for outside buildings non-pressure comply with the technical specifications as laid down in this product certificate, provided that the fittings of PVC for outside buildings non-pressure have been marked with the KOMO®-mark in the manner as indicated in this product certificate.

Luc Leroy
Kiwa

Het certificaat is opgenomen in het overzicht op de website van Stichting KOMO: www.komo.nl.
Advies: raadpleeg www.kiwa.nl om na te gaan of dit certificaat geldig is.

Publication of this certificate is allowed.

CERTIFICATE

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Evaluated is:
quality system
product
Periodic inspection

Fittings of PVC for outside buildings non-pressure

PRODUCT SPECIFICATION

Fittings of PVC-U for non-pressure underground drainage and sewerage in accordance with guideline BRL 52200. The products, given in the tables below are part of this product certificate.

Legenda:

- L = adhesive connection
 - R = rubber ring connection
 - LR = adhesive- and/or rubber ring connection
 - MS = socket-spigot
 - MM = socket-socket
 - d_e = nominal outside diameter in mm
- C = centric
 - E = eccentric

Table 1 - Bends, SN4

d _e	15°		22°30'		30°		45°		67°30'		90° *		90° knee	
	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM
110	R	R	LR	R	R	R	LR	LR	LR		LR	LR	L	L
125		R	LR		R	R	LR	LR			LR	LR	L	L
160	R	R	LR		R	R	LR	LR			LR	LR		
200	R				R		R	R			R	R		
250							R	R			R	R		
315														
355														
400														

*90° in this certificate can also be 87,5°

Table 2 - Double sockets, SN4 (including slip couplers)

d _e	
110	LR
125	LR
160	LR
200	R
250	R
315	R

Table 3 - Single tees, SN4

d _e	45°		90°	
	MS	MM	MS	MM
110/110	LR	LR	LR	LR
125/110	LR	LR	R	LR
125/125	LR	LR	R	LR
160/110	R	LR	R	LR
160/125		R		LR
160/160	R	LR	R	LR
200/125		R		R
200/160	R	R		R
200/200	R	R		R

Table 4 - Reducers, SN4

d _e	Reducer piece		Reducer ring	
	C	E	C	E
125/110		R		L
160/110		R	L	
160/125		R	L	
200/125		R		
200/160		R		

Table 5 - Special fittings, SN4

d _e	a		d _e	b	
	MS	MM		MS	MM
110/110	L		110/110	L	
125/125			125/125		
160/160			160/160		

a = double tees 45°

b = double tees 87° 30'



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Table 6 - Flow Tees, SN4 and SN8

d _e	SN4 87°30'		90°		SN8 90°	
	MS	MM	MS	MM	MS	MM
110/110			LR	LR	LR	LR
125/125			LR	LR		
160/110			R	R		
160/160			R	R		

Table 7 - Double sockets, SN8 (including slip couplers)

d _e	
110	LR
125	R
160	R
200	R
250	R
315	R
355	
400	
450	
500	
630	

Table 8 - Special fittings, SN8

d _e	a		d _e	b	
	MS	MM		MS	MM
125	R	R	125/125	R	R

a = flexible bends 90°

b = flexible tees 90°

Table 9 - Bends, SN8

d _e	15°		22°30'		30°		45°		67°30'		90°		90° (Knee)	
	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM	MS	MM
110	R	R	LR	R	R	R	LR	LR	LR		LR	LR	LR	L
125		R	R	R	R	R	R	R			R	R		
160			R	R			R	R			R	R		
200								R						

Table 10 - Single tees, SN8

d _e	45°		22°30'		90°	
	MS	MM	MS	MM	MS	MM
110/110	LR	LR			LR	LR
125/110		R				
125/125	R	R			R	R
160/110		R				R
160/125		R				R
160/160		R				R
200/125		R				R
200/160		R				R
200/200						

Table 11 - Reducers, SN8

d _e	Reducer		Reducer ring	
	C	E	C	E
125/110		R		
160/110		R		
160/125		R		
200/125		R		
200/160		R		

Table 12 - Special fittings with setting capacity, SN8

d _e	a		d _e	b		d _e	c	
	MS	MM		MS	MM		MS	MM
110			110			110		
125	R		125		R	125		R
160			160			160		
200			200			200		

a = setting socket, setting 40mm and setting 80mm

b = flexible setting stream Tees 90°, setting socket 40 mm and setting socket 85 mm



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c = flexible setting stream bends 90°, setting socket 40 mm and setting socket 80 mm

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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 52200 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 non-pressure underground drainage and sewerage.

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";
- NEN-EN 1610 "Construction and testing of drains and sewers";
- 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.

RECOMMENDATIONS FOR CUSTOMERS

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 product on the basis of the above, please contact:

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

Consult the supplier's processing guidelines for the proper storage and transport methods.

LIST OF DOCUMENTS*

- NEN 3215+C1: 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"
- NEN-EN 1610: 2015 "Construction and testing of drains and sewers"

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