



KOMO®
Product certificate
K48665/02



Issued 2018-01-01 Replaces K48665/01
 Valid until Indefinite Dated 2009-01-01
 Page 1 of 4

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

Redi S.p.A.

STATEMENT BY KIWA

This product certificate is based on Guideline/BRL 52200 "Kunststof leidingsystemen voor vrij verval buitenriolering - PVC-U" dated 10 January 2017, issued according to the Kiwa-Regulation for Certification.

The quality system and the product characteristics of this product are checked periodically. Based on this, **Kiwa declares that** there is legitimate confidence that:

Upon delivery, the product supplied by the certificate holder meets the requirements:

- Of the technical specifications laid down in this product certificate,
- The product requirements laid down both in the Guideline/BRL.

Provided that the fittings for non-pressure underground drainage and sewerage – PVC-U are accompanied by the KOMO® quality mark in the manner set out in this product certificate.

Ron Scheepers
 Kiwa

*This product certificate is also included on the KOMO foundation websites: www.komo.nl and www.komo-online.nl.
 Users of this product certificate is advised to check whether it is still valid. For this purpose consult the website of Kiwa: www.kiwa.nl.*

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Assessed is:
 • Quality system
 • Product
 Periodic control

CERTIFICATE

47320612

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

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:

MS = socket-spigot

Di = inner diameter

MM = socket-socket

Table 1 – Bend, SDR 34

Di	15°		30°		45°		87°	
	MM	MS	MM	MS	MM	MS	MM	MS
110	X	X	X	X	X	X	X	X
125					X	X		
160	X	X			X	X		
200								

Table 2 – Bend, SDR 41

Di	15°		30°		45°		87°	
	MM	MS	MM	MS	MM	MS	MM	MS
110								
125		X		X	X	X	X	X
160	X	X	X	X	X	X	X	X
200	X	X	X	X	X	X	X	X

Table 3 - Tee, SDR 34

Di	45°		87°	
	MMM	MMS	MMM	MMS
110	X	X	X	X
125				
160				
200				

Table 4 - Tee, SDR 41

Di	45°		87°	
	MMM	MMS	MMM	MMS
110				
125	X	X	X	X
160	X	X	X	X
200	X	X	X	X

Table 5 - Socket straight

Di	SDR 34	SDR 41
110	X	
125		X
160		X
200		X
250		X
315		X
400		X

Table 6 – Slip coupler

Di	SDR 34	SDR 41
110	X	
125		X
160		X
200		X
250		X
315		X
400		X

Table 7 - Tee with screw lit, SDR 34

Di	45°		87°	
	MM	MS	MM	MS
110				X
125				
160				

Table 8 - Reducer eccentric

Di	SDR 34	SDR 41
125/110		X
160/125		X
160/110		X
200/125		X
200/160		X
200/110		

Table 9 - Tee reducer, SDR 41

Di	45°		87°	
	MMM	MMS	MMM	MMS
125/110		X		X
160/110	X	X	X	X
160/125	X	X	X	X
200/125	X	X	X	X
200/110	X	X	X	X
200/160	X	X	X	X



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Table 10 – Tee with screw lit, SDR 41

Di	45°	87°	
		MM	MS
110			
125		X	
160		X	

Table 11 – Tee reducer, SDR 34

Di	45°	87°	
		MMM	MMS
160/125	X	X	
200/125	X		
200/160	X		


Table 12 – Reducer short

SDR 41	
200/110	X

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 diameter based on the 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.

TIPS FOR THE USER

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

- Redi S.p.A.
- And if necessary,
- Kiwa Nederland B.V.

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 BRL 52200.

