



## Product certificate K53244/05

Issued 2017-12-15

Replaces K53244/04

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### PVC-U biaxial oriented pipes “Bioroc pipes”

#### STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

#### Dyka B.V.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K17301 “Piping systems of PVC for the transport of drinking water and raw water” dated 12-12-2014.

Luc Leroy  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

CERTIFICATE

28817/015

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## PVC-U biaxial oriented pipes "Bioroc pipes"

**PRODUCT SPECIFICATION**

## General

PVC-U biaxial oriented pipes "Bioroc pipes " according to evaluation guideline BRL-K17301 "Plastics piping systems of PVC for the transport of cold drinking water and raw water"

## Specification

The dimensions and types given in the tables below are part of this product certificate

Table 1: C=1,4

dn	MRS 450	MRS 400
	PN 16	
90		
110	x	
125	x	
160	x	
200	x	
250	x	

\*Pipes are designed for uniaxial use (without hydrostatic end trust).

Table 2: C=1,6

dn	MRS 450	MRS 400
	PN 16	
90		X
110	x	
125	x	
160	x	
200	x	
250	x	

## COLOUR

The colour of the pipes is blue or white with blue stripes.

**Fitness for contact with drinking water**

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

**MARKING**

The pipes are provided with at least the following markings:

- **KIWA**  or  which is allowed for small diameters after consultation with Kiwa;
- manufacturer's name, trade name;
- material identification: PVC-O biax 315 or PVC-O biax 400 or PVC-O biac 450PVC-O biac 500;
- nominal pressure: PN;
- design coefficient C = 1,4 or C = 1,6 or C = 2,0;
- nominal outside diameter and nominal wall thickness in mm or SDR;
- production code "year" and "week" <sup>1)</sup>;
- extruder number <sup>1)</sup>.

Location of the markings: on each pipe at a spacing of less than 2 m.

The markings shall be clear, legible and indelible affixed on the pipe.

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1) May be displayed if desired in code.

### **APPLICATION AND USE**

The products are intended for PVC-U piping systems for the transport of drinking water and raw water heated to 45° degrees.

### **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.