



**BELGIAN
CONSTRUCTION
CERTIFICATION
ASSOCIATION**
npo

*Founded by:
BBRI and SECO*

Nr: A-B-C-D-E

A: **BB**
B: **651**
C: **673**
D: **1401**
E: **673**

Valid

from

01/03/2014

to

28/02/2017

Rue d' Arlon 53,
B - 1040 BRUSSELS

Tel. : + 32 2 238 24 11
Fax. : +32 2 238 24 01

www.bcca.be

BENOR

PRODUCT CERTIFICATE

BCCA declares that has been established that the **applicant**

PIPELIFE NEDERLAND B.V.
Flevolaan, 7
NL - 1601 Enkhuizen

takes the necessary measures in order to ascertain that the products:

**Components of unplasticized poly vinyl chloride (PVC-U)
for the component group C1: bends
for the diameter groups D1, D2 and D3**

manufactured in the factory located at:

PIPELIFE NEDERLAND B.V.
Flevolaan, 7
NL - 1601 Enkhuizen

may correspond with the performances described in the standard **NBN EN 1401-1**

**Plastics piping systems for non-pressure underground drainage and
sewerage - Unplasticised poly(vinyl chloride) (PVC-U)**
and the PTV 1005

The certificate is delivered based on a study and an acceptance of the relevant **initial type tests (ITT)**, executed on relevant samples taken from the production unit and on bases of an initial inspection of the production and the **factory production control system (FPC)**.

BCCA confirms that the manufacturer applies a valid production control system and executes regular testing on samples taken from the production according to a fixed testing program. BCCA supervises the production and the production control system during the yearly audit of the FPC, periodical control of the internal control results and witness-testing.

On bases of the delivery and the maintenance of this certificate, the manufacturer is authorized to use the BENOR-logo as a means to attest the conformity of his products.

This certificate is valid during the period mentioned left side of this document, provided that the specification of the standard and the regulatory conditions are not modified.

Brussels, 21 March 2014

ir. Benny De Blaere
General Manager



021 PROD

2654 - 2657 - 2660



Rue d'Arlon 53,
BE – 1040 BRUSSELS

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Fax. : + 32 2 238 24 01

NBN EN 1401 - 1

**Plastics piping systems for non-pressure underground drainage and sewerage -
Unplasticised poly(vinyl chloride) (PVC-U)**

TECHNICAL FILE	Version: 2_28/02/2014
This documentation is part of the certificate and completes the information of the corresponding BENOR-certificate	Date: 6-03-2014
	Author: CLE/BCCA

Component types which are part of this certificate

**1401 ** C1 . D1 / D2 / D3 - 201
2654 - 2657 - 2660**

for the diameter group 1 Ø (mm)	110	125	160	200		
component group 1 (C1)						
Bends						
(*)						

for the diameter group 2 Ø (mm)	250	315	400			
component group 1 (C1)						
Bends						
(*)						

for the diameter group 3 Ø (mm)	500	630				
component group 1 (C1)						
Bends						
(*)						

(*) Application code

"U"	application area code for non-pressure underground drainage and sewerage system, outside the building structure
"D"	application area code for non-pressure underground drainage and sewerage system for both burried in the ground within the building structure and outside the buiding structure.

Marking (example)	directly on the component	on the label
	Directly on the fitting, marking during production in the mould	
	manufacturer - commercial name- dimension - standard - BENOR - date - code of production, PVC-U	