



PRODUCT CERTIFICATE

**BELGIAN
CONSTRUCTION
CERTIFICATION
ASSOCIATION
npo**

*Founded by:
BBRI and SECO*

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

**Kabelwerk Eupen Ag
Malmedyer Strasse 9
B - 4700 Eupen**

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

**Pipes of unplasticized poly vinyl chloride (PVC-U) non-pressurized
for the diameter groups D1, D2 and D3**

manufactured in the factory located at:

**Kabelwerk Eupen Ag
Malmedyer Strasse 9
B - 4700 Eupen**

may correspond with the performances described in the standard **NBN EN 1329-1**

**Plastics piping systems for soil and waste discharge (low and high
temperature) within the building structure - Unplasticised poly(vinyl
chloride) (PVC-U)**

and the PTV 1005

Nr: A-B-C-D-E

A: **BB**
B: **651**
C: **553**
D: **1329**
E: **553**

Valid

from

01/03/2014

to

28/02/2017

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

Rue d' Arlon 53,
B - 1040 BRUSSELS

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

www.bcca.be



021 PROD

ir. Benny De Blaere
General Manager

1721 - 1722 - 1723



Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticised poly(vinyl chloride) (PVC-U)

TECHNICAL FILE	Version:	1
This documentation is part of the corresponding BENOR-certificate	Date:	21/03/2014
BB - 651 - 553 - 1329 - P. D1/D2/D3	Authorr:	CLE/BCCA

1.721 / 1.722 / 1.723

Types of pipes which are part of this certificate

Application code "BD" (*)

P.D1		P.D2			P.D3		
Ø (mm)	wallthickness (mm)	Ø (mm)	wallthickness (mm)		Ø (mm)	wallthickness (mm)	
	<u>min</u> - <u>max</u>		<u>min</u> - <u>max</u>	<u>min</u> - <u>max</u>			
32	-	110	3,2	3,8	250	6,2	7,1
40	-	125	3,2	3,8	315	7,7	7,8
50	-	160	4,0	4,6		-	-
75	3,0 - 3,5	200	4,9	5,6		-	-
90	3,0 - 3,5					-	-

Application code "B" (*)

P.D1		P.D2			P.D3		
Ø (mm)	wallthickness (mm)	Ø (mm)	wallthickness (mm)		Ø (mm)	wallthickness (mm)	
	<u>min</u> - <u>max</u>		<u>min</u> - <u>max</u>	<u>min</u> - <u>max</u>			
32	3,0 - 3,5	110	3,2	3,8	250	4,9	5,6
40	3,0 - 3,5	125	3,2	3,8	315	6,2	7,1
50	3,0 - 3,5	160	3,2	3,8		-	-
75	3,0 - 3,5	200	3,9	4,5		-	-
90	3,0 - 3,5					-	-

(*) Application code

"B"	code for application area inside buildings and outside the building fixed to the wall
"D"	code for application area under and within one meter from the building where the pipes and fittings are buried in the ground.

Marking of the pipe; printed directly, durable in use

pipe:	manufacturer - commercial name - dimension - standard - BENOR - date - code of production,...
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