



BENOR

BCCA

BENOR CERTIFICATE

issued on the basis of the provisions of the Implementation Rules for BENOR certification
of thermoplastic pipes and accessories, TRA BB 651,

to the company

Kabelwerk Eupen Ag

Malmedyer Strasse, 9, BE - 4700 Eupen,

for the production of

**PE-pipes for water supply, drainage and sewerage under pressure,
size group 1 (16-110mm) and 2 (125-500mm)**

manufactured in the production unit

Kabelwerk Eupen AG

Hutte, BE - 4700 Eupen,

in accordance with the

**NBN EN 12201-2+A1:2013 “Plastics piping systems for water supply, and for drainage
and sewerage under pressure - Polyethylene (PE)” and the PTV 1002:2019**

By issuing the certificate, BCCA declares that, on the basis of (I) the initial assessment of the product characteristics by means of testing; (II) the initial evaluation and acceptance of the quality assurance in production; (III) the regular external control of the implementation of the quality assurance processes and the control schemes agreed upon; (IV) regular control tests in a recognised external laboratory, sufficient confidence can be given to the measures taken by the certificate holder for guaranteeing conformity with the prescriptions.

The annex to this certificate gives the data with regard to the certified product. This document is an annex to the certificate and is authenticated by BCCA.

Following the issuing of this certificate and as long as it is maintained valid, BCCA grants the right to use the BENOR mark to the certificate holder. The proof of delivery of a product under the BENOR mark is given by a suitable identification on the product. The use of the BENOR mark does not relieve the certificate holder of his responsibilities with regard to the delivered product.

The validity of this certificate can be checked via www.bcca.be.

N° certificate BB-651-553-12201.P-D1-2D-14648-24370 | Valid from 11-12-2021 until 10-12-2024

Issued in Brussels, on 07 September 2022.

ir. B. De Blaere,
President of the General management
Committee for certification and approval

The BENOR mark is a registered collective mark, that is the property of the Bureau for Standardisation (NBN). The BENOR certification is a voluntary system that is established on the basis of a consensus between stakeholders and is a response on the request of the user to have sufficient certainty about the aspects with regard to, ex., quality, public security, suitability for use, health and the interests of the end users.


BELGIAN CONSTRUCTION CERTIFICATION ASSOCIATION NPO
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Annex to the BENOR Certificate
BB-651-553-12201.P-D1-2D-14648-24370

PE-pipes for water supply, drainage and sewerage under pressure, size group 1 (16-110mm) and 2 (125-500mm)

Version 2 of 7 September 2022

Kabelwerk Eupen – PE80 Pipes	
TYPES WHICH ARE PART OF THIS CERTIFICATE	
- PE80 pipes: colour black (RAL 9005) whether or not in combination 4 blue lines (RAL 5012)	
PN12,5/SDR11	
Size group 1:	
Diameter (mm)	Wall thickness min-max (mm)
20	2,0 – 2,3
25	2,3 – 2,7
32	3,0 – 3,4
40	3,7 – 4,2
50	4,6 – 5,2
63	5,8 – 6,5
Marking: (example)	<p>www.eupen.com EUPEN EUCALENE TW PE80 (H13) 63 x 5,8 PN 12,5 SDR 11 BENOR EAU POTABLE DRINKWATER TRINKWASSER DIN EN12201 W ... <<220029>> 07/02/2022 uu:mm < xx m> codexxxxx</p> 

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BB-651-553-12201.P-D1-2D-14648-24370

PE-pipes for water supply, drainage and sewerage under pressure, size group 1 (16-110mm) and 2 (125-500mm)

Version 2 of 7 September 2022

Kabelwerk Eupen - PE100 pipes					
TYPES WHICH ARE PART OF THIS CERTIFICATE					
- PE100 pipes: colour black (RAL 9005) whether or not in combination with 4 blue lines (RAL 5005)					
Size group 1:					
Diameter (mm)	Wall thickness min-max (mm)				
	PN10/SDR17	PN12,5/SDR13,6	PN16/SDR11	PN20/SDR9	PN25/SDR7,4
20	-	-	2,0 – 2,3	-	-
25	-	-	2,3 – 2,7	3,0 – 3,4	3,5 – 4,0
32	-	-	3,0 – 3,4	3,6 – 4,1	4,4 – 5,0
40	-	-	3,7 – 4,2	4,5 – 5,1	5,5 – 6,2
50	-	-	4,6 – 5,2	5,6 – 6,3	6,9 – 7,7
63	3,8 – 4,3	4,7 – 5,3	5,8 – 6,5	7,1 – 8,0	8,6 – 9,6
75	4,5 – 5,1	5,6 – 6,3	6,8 – 7,6	8,4 – 9,4	10,3 – 11,5
90	5,4 – 6,1	6,7 – 7,5	8,2 – 9,2	10,1 – 11,3	12,3 – 13,7
110	6,6 – 7,4	8,1 – 9,1	10,0 – 11,1	12,3 – 13,7	15,1 – 16,8
Size group 2:					
Diameter (mm)	Wall thickness min-max (mm)				
	PN10/SDR17	PN12,5/SDR13,6	PN16/SDR11	PN20/SDR9	PN25/SDR7,4
125	7,4 – 8,3	9,2 – 10,3	11,4 – 12,7	14,0 – 15,6	17,1 – 19,0
140	8,3 – 9,3	10,3 – 11,5	12,7 – 14,1	15,7 – 17,4	19,2 – 21,3
160	9,5 – 10,6	11,8 – 13,1	14,6 – 16,2	17,9 – 19,8	21,9 – 24,2
180	10,7 – 11,9	13,3 – 14,8	16,4 – 18,2	20,1 – 22,3	24,6 – 27,2
200	11,9 – 13,2	14,7 – 16,3	18,2 – 20,2	22,4 – 24,8	27,4 – 30,3
225	13,4 – 14,9	16,6 – 18,4	20,5 – 22,7	25,2 – 27,9	30,8 – 34,0
250	14,8 – 16,4	18,4 – 20,4	22,7 – 25,1	27,9 – 30,8	34,2 – 37,8
280	16,6 – 18,4	20,6 – 22,8	25,4 – 28,1	-	-
315	18,7 – 20,7	23,2 – 25,7	28,6 – 31,6	-	-
355	21,1 – 23,4	26,1 – 28,9	32,2 – 35,6	-	-
400	23,7 – 26,2	29,4 – 32,5	36,3 – 40,1	-	-
Marking: (example)	dn x e PN X SDR XX BENOR W / P <<xxxxxxx>> dd/mm/yyyy uu:mm < xx m> codexxxxx				

This annex is valid as long as the BENOR certificate remains valid.

Issued in Brussels, on 07 September 2022.



ir. B. De Blaere,
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