



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

Deschacht Plastics Belgium nv

Antwerpsesteenweg 1068, BE - 9041 Oostakker,

for the production of

PP-pipes for non-pressure underground drainage and sewerage, size group 1 (110-200mm), 2 (250-400mm) and 3 (450-800mm), stiffness class SN16

manufactured in the production unit

Kaczmarek Malewo Spółka Jawna

Malewo 1, PL - 63-800 Gostyn,

in accordance with the

NBN EN 1852-1: 2018+A1:2022 "Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP)" and the PTV 1006: 2023

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-651-4146-1852.P-D123SN16-4605-22016 | Valid from 2023-06-01 until 2026-05-31

Issued in Brussels, on 30 June 2023.

ir. Benny DE-BLAERE
President of the General management Committee
for Certification & 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

HEADQUARTERS: CANTERSTEEN, 47 BE - 1000 BRUSSELS

OPERATIONAL HEADQUARTERS: HERMESLAAN, 9 BE - 1831 DIEGEM

TEL. + 32 2 238 24 11

MAIL@BCCA.BE | WWW.BCCA.BE

The validity of this certificate can be checked on the website www.bcca.be.

Further clarification regarding the scope of this certificate and the applicability of the requirements of the standard may be obtained from the certified organisation.



021-PROD

PP-pipes for non-pressure underground drainage and sewerage, size group 1 (110-200mm), 2 (250-400mm) and 3 (450-800mm), stiffness class SN16

PP SN16 - S10,5

Types which are part of this certificate

Size group 1:

<u>External diameter Ø (mm)</u>	<u>Wall thickness SN16</u>	
	<u>SDR22 / S10,5</u> <u>(mm) (UD(*))</u>	
110	5,0 – 5,7	
125	5,7 – 6,5	
160	7,3 – 8,3	
200	9,1 – 10,3	

Size group 2:


250	11,4 – 12,8	
315	14,4 – 16,1	
400	18,2 – 20,3	

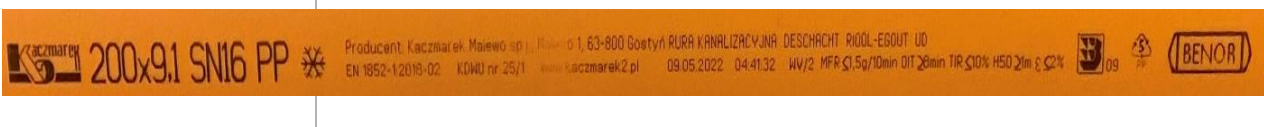
Size group 3:

450	20,5 – 22,8	
500	22,8 – 25,3	
630	28,7 – 31,8	
800	36,4 – 40,3	

(*) application area code for non-pressure underground drainage and sewerage system for both buried in the ground within the building structure and outside the building structure.


Marking (printed on the pipe,
durable in use):
(Example)

KACZMAREK DN x e SN16 PP ✱ Producent Kaczmarek...  (BENOR) ...
DESCHACHT RIOOL-EGOUT UD EN1852-1:2018-02 ... dd.mm.yyyy hh:mm:ss
WV/1 MFR≤1,5g/10min OIT≥8min TIR≤10% H50≥1m ε≤2%



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Deschacht Plastics Belgium nv

Antwerpsesteenweg 1068, BE - 9041 Oostakker,

for the production of

PP-pipes for non-pressure underground drainage and sewerage, size group 1 (110-200mm), 2 (250-400mm) and 3 (450-800mm), stiffness class SN8 (S12,5/S14)

manufactured in the production unit

Kaczmarek Malewo Spółka Jawna

Malewo 1, PL - 63-800 Gostyn,

in accordance with the

NBN EN 1852-1: 2018+A1:2022 "Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP)" and the PTV 1006: 2019

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

N° certificate BB-651-4146-1852.P-D123-SN8-4605-22015 | Valid from 2022-11-01 until 2025-10-31

Issued in Brussels, on 7 June 2023.

ir. Benny DE-BLAERE
President of the General management Committee
for Certification & Approval

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021-PROD

PP-pipes for non-pressure underground drainage and sewerage, size group 1 (110-200mm), 2 (250-400mm) and 3 (450-800mm), stiffness class SN8 (S12,5/S14)

PP SN8 - S12,5/S14		
Types which are part of this certificate		
Size group 1:		
<u>External diameter Ø (mm)</u>	<u>Wall thickness SN8</u>	
	<u>SDR26 / S12,5</u> <u>(mm) (UD(*))</u>	<u>SDR29 / S14</u> <u>(mm) (UD(*))</u>
110	4,2 – 4,9	3,8 – 4,4
125	4,8 – 5,5	4,3 – 5,0
160	6,2 – 7,1	5,5 – 6,3
200	7,7 – 8,7	6,9 – 7,8
Size group 2:		
250	9,6 – 10,8	8,6 – 9,7
315	12,1 – 13,6	10,8 – 12,1
400	15,3 – 17,1	13,7 – 15,3
Size group 3:		
450	17,2 – 19,2	15,4 – 17,2
500	19,1 – 21,3	17,1 – 19,1
630	24,1 – 26,8	21,6 – 24,0
800	30,6 – 33,9	27,4 – 30,3
(*) application area code for non-pressure underground drainage and sewerage system for both buried in the ground within the building structure and outside the building structure.		
Marking (printed on the pipe, durable in use): (Example)	KACZMAREK DN x e SN8 PP  Producent Kaczmarek... .. DESCHACHT RIOOL-EGOUT UD   EN1852-1:2018-02 ... dd.mm.yyyy hh:mm:ss WW/1 MFRs1,5g/10min OITs8min TIRs10% H50s1m Es2%  160x5,5 SN8 PP  Producent Kaczmarek Malmo sp. z o.o. ul. 13-153 Stary Rybny 18000, 200-000 DESCHACHT RIOOL-EGOUT UD EN 1852-1:2018-02 KIM nr 25/1 www.kaczmarek.pl 25.05.2022 12.13.05 WW/1 MFR 0,5g/10min OIT 20min TIR 10% H50 2m Es2%	

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Issued in Brussels, on 7 June 2023.



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