



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

Injection molded fittings for double layered PP-pipes according to NBN EN 13476-3, Type B, for non-pressure underground drainage and sewerage, fitting group 1 (bends), 2 (branches) and 3 (other), size group 1 (100-200mm), 2 (250-500mm) and 3 (600-1200mm), SN8

manufactured in the production unit

Kaczmarek Malewo Spółka Jawna

Malewo 1, PL - 63-800 Gostyn,

in accordance with the

NBN EN 13476-3:2018+A1:2020 “Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE)”

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-651-4146-13476-3B.C123-D-4605-42862 | Valid from 2023-07-04 until 2026-07-03

Issued in Brussels, on 4 August 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

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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.






Annex to the BENOR Certificate

BB-651-4146-13476-3B.C123-D-4605-42862

Version 1 du 4 August 2023

Injection molded fittings for double layered PP-pipes according to NBN EN 13476-3, Type B, for non-pressure underground drainage and sewerage, fitting group 1 (bends), 2 (branches) and 3 (other), size group 1 (100-200mm), 2 (250-500mm) and 3 (600-1200mm), SN8

PP Ribwall – K2-Kan						
TYPES WHICH ARE PART OF THIS CERTIFICATE						
* only assembled welded fittings						
<u>Fitting group 1: (bends)</u>						
	<u>Size group 1:</u>					
	<u>Angel</u>					
	<u>DN/ID</u>	<u>15°</u>	<u>30°</u>	<u>45°</u>	<u>90°</u>	
	150	X	X	X	X	
	200	X	X	X	X	
	<u>Size group 2:</u>					
	250	X	X	X	X	
	300 *	--	--	--	--	
	400 *	--	--	--	--	
	500 *	--	--	--	--	
	<u>Size group 3 :</u>					
	600 *	--	--	--	--	
800 *	--	--	--	--		
<u>Fitting group 2 (branches)</u>						
	<u>Size group 1:</u>					
	<u>For connection with smooth pipes</u>					
	<u>DN1 (mm)</u>	160		200*		
	150	45°		--		
	200	45°		--		
	<u>Size group 1:</u>					
	<u>For connection with corrugated pipes</u>					
		<u>150*</u>	<u>160 (OD)</u>	<u>200*</u>		
	150	--	--	--		
	200	--	45°	--		

Fitting group 3 (others : sockets, reductions,...)

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Version 1 du 4 August 2023

<u>Size group 1: DN/ID (mm)</u>		
double socket	couples	single socket
		
150	150	150
200	200	200
<u>Size group 2: DN/ID (mm)</u>		
250	250	250
300	300	300
400	400	400
500	500	500
<u>Size group 3: DN/ID (mm)</u>		
600	600	600
--	--	800
--	--	1000

<p>Marking : (Example)</p>	<p>Kaczmarek – K2-Kan PP PN EN 13476-3 DN XXX / XXX - XX° – month/year – UD</p>
	<div style="display: flex; justify-content: space-around;">   </div>
	<p>UD application area code for non-pressure underground drainage and sewerage for both buried in ground within the building structure and outside the building structure</p>

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

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