



**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

**Aliaxis Nederland BV**  
Industrieterrein 11, NL - 5981 NK Panningen,

for the production of

**PE-pipes for non-pressure underground drainage and sewerage, size group 1 (110-630mm)**

manufactured in the production unit

**Westfälische Kunststoff Technik GmbH**  
Homborgstraße 11-13, DE - D-45549 Sprockhövel,

in accordance with the

**NBN EN 12666-1+A1:2011 "Plastics piping systems for non-pressure underground drainage and sewerage - Polyethylene (PE)" and the PTV 1004:2015**

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](http://www.bcca.be).

**N° certificate BB-651-1640-12666P-D1-24790-47288 | Valid from 2025-09-01 until 2028-08-31**

Issued in Brussels, on 9 September 2025.

  
**Olivier DELBROUCK**  
General Manager

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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MAIL@BCCA.BE | WWW.BCCA.BE

The validity of this certificate can be checked on the website [www.bcca.be](http://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.



## PE-pipes for non-pressure underground drainage and sewerage, size group 1 (110-630mm)

Akatherm pipes		
Types which are part of this certificate		
<ul style="list-style-type: none"> <li>- Color: black (RAL 9011)</li> <li>- PE80</li> </ul>		
<b>Size group 1:</b>		
	Wall thickness min-max (mm)	
Diameter (mm)	SN2 - S16 ("U" only*)	SN4 - S12,5
110	-	4,2 - 4,9
125	-	4,8 - 5,5
160	-	6,2 - 7,1
200	-	7,7 - 8,7
250	7,7 - 8,7	9,6 - 10,8
315	9,7 - 10,9	12,1 - 13,6
Marking: (examples)	<p>SH Akatherm PE80 Tempered EN 1519 ... BENOR ...110 x 4,2 BD S12,5 SN4 EN 12666 UD**-RIOOL - EGOUT</p> <p>SH Akatherm PE80 Tempered EN 1519 ... BENOR ...315 x 9,7 B S16 SN2 EN 12666 U*-RIOOL – EXT - EGOUT</p> <p>* U: application area code for non-pressure drainage and sewerage more than one meter from the building to which the buried piping system is connected;</p> <p>** UD: application area code for non-pressure drainage and sewerage 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.

Issued in Brussels, on 9 September 2025.

  
Olivier DELBROUCK  
General Manager