

Akatherm waste water system made of HDPE

Holder/Issued to

Aliaxis Nederland B.V.

Industrieterrein 11, NL-5981 NK Panningen, Nederlands

Product description

Akatherm waste water system consists of pipes and fittings made of black high-density polyethylene (HDPE). The system is joint using an electric welding sleeve, screw connection, rubber ring joint or by using butt welding/mirror welding. Sealing rings meet the requirements according to SS-EN 681-1, type WC. The dimensions of the system according to the table below:

Dimension DN	40	50	56	63	75	90	110	125	160	200	250	315
Wall thickness (mm) S12,5	3	3	3	3	3	3,5	4,2	4,8	6,2	7,7	9,6	12,1
Wall thickness (mm) S16										6,2	7,7	9,7
Application area code	B	B	B	B	BD	BD	BD	BD	BD	B/BD	B/BD	B/BD

Intended use

Pipes and fittings are intended to be used for the diversion of normal household waste water and rainwater. The waste water temperature may briefly reach 95 °C.

Application area code B refers to installation above ground inside building or outside building where the system is attached to a wall.

Application area BD refers to installation according to B and for installation under a building or buried in the ground within 1 meter from a building.

Trade name

Akatherm

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Waste water installations	6:641, 1st paragraph and 2nd paragraph, last sentence
Surface water installations	6:642
Utformning	6:644, 1st sentence

Associated documents

Akatherm "Teknisk Handbok", marked 01/08.

Control

The factory production control (FPC) is monitored by an independent inspection body.
Control plan: RISE Control plan dated 2024-04-18. Inspection body: SKZ

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Manufacturing places

Production control includes the following places:

Aliaxis Nederland B.V., Industrieterrein 11, NL-5981 NK Panningen, Netherlands.

WKT Westfälische Kunststoff Technik GmbH, Hombergstrasse 11-1, 45549 Sprockhövel, Germany.

Marking

The products are to be marked at the factory. The marking consists of a text on every product/packing/documentation supplied and includes:

Holder	Aliaxis
Product type designation	Trade name
Consecutive date of production	date
Type approval number	0212/99
Standard	EN 1519
Pipe series	S12.5 or S16
Wall thickness	XX mm
Application area	B or BD
Dimension and/or nominal angle of fitting	DN XX or XX°
Boverket's registered trade mark	†
RISE Accreditation number	1002
Inspection body	SKZ

Basis for approval

Reports 123146, 125494, RA7696.232011.23, RA6002.231040.23 and 215059/21 from SKZ.

Comments

The system is deemed to meet the requirements according to standard SS-EN 1519-1.

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2017-08-30, valid through 2022-08-29.

Validity

Valid through 2029-06-26.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

A handwritten signature in blue ink, appearing to read 'Stefan Coric'.

Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.