



AENOR Product Certificate



001/007406

AENOR certifies that the organization

ALIAxis NEDERLAND B.V.

registered office Industrieterrein 11 5981NK Panningen, Limburg The Netherlands
(Países Bajos)

supplies **Polyethylene (PE) fittings for soil and waste discharge (low and high temperature) inside buildings**

in compliance with SANS 8770:2008

Trademark AKATHERM

See annex for more information.

Production site Industrieterrein 11 5981NK Panningen, Limburg The Netherlands
(Países Bajos)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 001.87.

This certificate supersedes 001/007406, dated 2022-08-11

First issued on 2022-07-18

Modified on 2022-10-18

Validity date 2027-07-18

Rafael GARCÍA MEIRO
Chief Executive Officer





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Annex to Certificate

Trademark AKATHERM

References	Figure	Diameters (mm)	Angle	Application area	Type of joint
601XX17	Akavent downpipe	110 - 160	N/A	B / BD	Butt welding
181115	Bend 15°	110	15°	B / BD	Butt welding
181XX5	Bend 15° welded	125 - 160	15°	B / BD	Butt welding
18XX15	Bend 15° welded	200 ; 250 ; 315	15°	B	Butt welding
110X99	Bend 180°	40 - 50 - 56 - 63	180°	B	Butt welding
181XX0	Bend 30°	110 - 125 - 160	30°	B / BD	Butt welding
18XXXX	Bend 30° welded	200 - 250 - 315	30°	B	Butt welding
111198	Bend 88,5°	110	88,5°	B / BD	Butt welding
11XX91	Bend 90°	200 - 250 - 315	90°	B	Butt welding
111691	Bend 90°	160	90°	B / BD	Butt welding
11XX92	Bend 90° with long leg	40 - 50 - 56 - 63	90°	B	Butt welding
11XX9X	Bend 90° with long leg	75 - 90 - 110 - 125	90°	B / BD	Butt welding
170XXX	Bend reduced 90°	50 x 40 ; 63 x 50	90°	B	Butt welding
670X07	Cap for screw/end cap	40 - 50 - 56 - 63	N/A	B	Butt welding
67XX07	Cap for screw/end cap	75 - 90 - 110	N/A	B / BD	Butt welding
331X00	Clean out branch 45°	110 - 125 - 160	45°	B / BD	Butt welding
23XX00	Clean out branch 90°	40x40 ; 50x50 ; 56x56 ; 63x63 ; 200x110 ; 250x110 ; 315x110	90°	B	Butt welding
23XXX0	Clean out branch 90°	75x75 ; 90x90 ; 110x110 ; 125x110 ; 160x110	90°	B / BD	Butt welding
361111	Double Tee 45°	110x110	45°	B / BD	Butt welding
500935 ; 501135	Double wall-lavatory bend 90° horizontal	110x90 ; 110x110	90°	B / BD	Butt welding
500934 ; 501134	Double wall-lavatory bend 90° vertical	110x90 ; 110x110	90°	B / BD	Butt welding
430X05	Drainage Flange bushing for screw coupler	40 - 50 - 56 - 63	N/A	B	Butt welding
43XX05	Drainage Flange bushing for screw coupler	75 - 90 - 110	N/A	B / BD	Butt welding
12XX45	Elbow 45°	40 - 50 - 56 - 63 - 200	45°	B	Butt welding
12XX45	Elbow 45°	75 - 90 - 110 - 125 - 160 - 250 - 315	45°	B / BD	Butt welding
12XX46	Elbow 45° with long leg	75 - 90 - 110	46°	B / BD	Butt welding
12XX88	Elbow 88,5°	40 - 50 - 56 - 63	88,5°	B	Butt welding
12XX88	Elbow 88,5°	75 - 90 - 110 - 125 - 160	88,5°	B / BD	Butt welding

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12XX93	Elbow 90° with long leg	90 - 110	90°	B / BD	Butt welding
41XXX5	Electrofusion coupler	40 - 50 - 56 - 63 - 200 - 250 - 315	N/A	B	Electro fusion welding
41XX95	Electrofusion coupler	75 - 90 - 110 - 125 - 160	N/A	B / BD	Electro fusion welding
67XX09	End cap	200 - 250 - 315	N/A	B	Butt welding
671X09	End cap	125 - 160	N/A	B / BD	Butt welding
40XXX0	Expansion socket	200 - 250 - 315	N/A	B	Butt welding
42XX20	Expansion socket with anchor point	75 - 90 - 110 - 125 - 160	N/A	B / BD	Butt welding
910XXX	Female thread adaptor short	40 - 50 - 63	N/A	B	Butt welding
920XXX	Female thread adaptor long	40 - 50 - 56 - 63	N/A	B	Butt welding
920784	Female thread adaptor long	75	N/A	B / BD	Butt welding
43XX15	Flange bushing with double collar	200 - 250 - 315	N/A	B	Butt welding
431X15	Flange bushing with double collar	110 - 125 - 160	N/A	B / BD	Butt welding
50XX11	Floor-lavatory bend 90°	90x120; 110x120	90°	B / BD	Butt welding
50XX01	Floor-lavatory socket	90x120; 110x120	N/A	B / BD	Butt welding
970XXX	Male thread adaptor long	40 - 50 - 56 - 63 - 75	N/A	B	Butt welding
970784	Male thread adaptor long	75	N/A	B / BD	Butt welding
960XXX	Male thread adaptor short	40 - 50 - 63	N/A	B	Butt welding
42XX50	Plug-in socket with protective cap	40 - 50 - 56 - 63	N/A	B	Butt welding
42XX50	Plug-in socket with protective cap	75 - 90 - 110 - 125 - 160	N/A	B / BD	Butt welding
15XXXX	Reducer concentric	40x32; 50x32; 50x40; 56x40; 56x50; 63x40; 63x50; 63x56; 75x40; 75x50; 75x63; 75x56; 90x40; 90x50; 90x63; 90x56; 110x40; 110x50; 110x63; 110x56; 125x50; 125x63; 125x56; 200x160; 250x160; 250x200; 315x200; 315x250	N/A	B	Butt welding
151XXX	Reducer concentric	90x75; 110x75; 110x90; 125x75; 125x90; 125x110; 160x110; 160x125	N/A	B / BD	Butt welding

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16XXXX	Reducer eccentric	56x40; 56x50; 50x40; 63x40; 63x50; 63x56; 75x40; 75x50; 75x63; 75x56; 90x40 ; 90x50; 90x63; 90x56; 110x40; 110x50; 110x63; 110x56; 125x50; 125x63; 125x56	N/A	B	Butt welding
16XXXX	Reducer eccentric	90x75; 110x75; 110x90; 125x75; 125x90; 125x110; 160x110; 160x125	N/A	B / BD	Butt welding
14XXXX	Reducer eccentric long	200x110; 200x125; 200x160; 250x200; 315x200; 315x250	N/A	B	Butt welding
55XX0X	Retraction socket	40x50; 40x70; 50x70; 50x80; 56x75; 63x75 ; 63x85; 200x225; 250x280	N/A	B	Butt welding
55XXXX	Retraction socket	75x90; 75x110; 90x110; 110x125; 110x135; 110x150; 125x155; 125x170; 160x180; 160x200	N/A	B / BD	Butt welding
66XX40	Screw cap long	40 - 50 - 56 - 63	N/A	B	Butt welding
66XX40	Screw cap long	75 - 90 - 110	N/A	B / BD	Butt welding
66XXX0	Screw cap short	75 - 110	N/A	B / BD	Butt welding
430X30	Screw coupler short	40 - 50 - 56 - 63	N/A	B	Butt welding
43XX30	Screw coupler short	75 - 90 - 110	N/A	B / BD	Butt welding
980XXX	Screw flange with Screw flange + flat gasket	32 - 40 - 50	N/A	B	Butt welding
51XX1X	Siphon connecting bend 90°	40x46; 50x46; 50x58; 56x46; 56x58	90°	B	Butt welding
51XX0X	Siphon connecting socket	32x46; 40x46; 50x46; 50x58; 56x46; 56x58	N/A	B	Butt welding
565601	Siphon inlet/outlet vertical	56	N/A	B	Butt welding
0XXX01	Siphon inlet/outlet vertical	40x40; 50x40; 50x50; 63x50; 56x56; 63x63	N/A	B	Butt welding
070701	Siphon inlet/outlet vertical	75x75	N/A	B / BD	Butt welding
400XX0	Snap socket	40 - 50 - 63 - 200	N/A	B	Butt welding
40XXX0	Snap socket	75 - 90 - 110 - 125 - 160	N/A	B / BD	Butt welding
401140	Snap socket short	110	N/A	B / BD	Butt welding
40XX20	Snap-expansion socket	40 - 50 - 56 - 63	N/A	B	Butt welding
47XX02	Stub flange	200 - 250 - 315	N/A	B	Butt welding
47XX02	Stub flange	40 - 50 - 56 - 63 - 75 - 90 - 110 - 125 - 160	N/A	B / BD	Butt welding
251111	Swept entry Tee 88,5°	110x110	88°	B / BD	Butt welding

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30XXXX	Tee 45°	40x40; 50x40; 50x50; 56x40; 56x50; 56x56; 63x40; 63x50; 63x63; 63x56; 75x40 ; 75x50; 75x63; 75x56; 90x40; 90x50; 90x63; 90x56; 160x160; 250x75; 250x90; 250x110; 250x125; 250x160; 250x200; 250x250; 315x110; 315x125; 315x160; 315x200; 315x250; 315x315	45°	B	Butt welding
30XXXX	Tee 45°	75x75; 90x75; 90x90; 110x40; 110x50; 110x63; 110x75; 110x90; 110x110; 110x56; 125x40; 125x50; 125x63; 125x75; 125x90; 125x110; 125x125; 125x56; 160x50; 160x63; 160x75; 160x90; 160x110; 160x125; 160x56; 200x75; 200x90; 200x110; 200x125; 200x160; 200x200;	45°	B / BD	Butt welding
200XXX	Tee 88,5°	40x40; 50x40; 50x50; 56x50; 56x56; 63x40; 63x50; 63x56; 63x63; 75x40; 75x50 ; 75x63; 75x56; 90x40; 90x50; 90x63; 90x56; 200x75; 200x90; 200x110; 200x125 ; 200x160; 200x200; 250x110; 250x125; 250x160; 250 x 200; 250x250; 315x110; 315x125; 315x160; 315x200; 315x250; 315x315	88,5°	B	Butt welding
20XXXX	Tee 88,5°	75x75; 90x75; 90x90; 110x40; 110x50; 110x63; 110x75; 110x90; 110x110; 110x56; 125x50; 125x63; 125x75; 125x90; 125x110; 125x125; 125x56; 160x50; 160x63; 160x75; 160x90; 160x110; 160x125; 160x160; 160x56	88,5°	B / BD	Butt welding
56XX50	Transition from PE to cast iron	200 - 250 - 315	N/A	B	Butt welding
50XX32	Wall-lavatory bend 90° left	90x90; 110x90; 110x110	90°	B / BD	Butt welding
50XX33	Wall-lavatory bend 90° right	90x90; 110x90; 110x110	90°	B / BD	Butt welding
501X8X	Wall-lavatory bend 90° vertical	110x90; 110x110	90°	B / BD	Butt welding
50XXX1	Wall-lavatory socket	90 - 110	N/A	B / BD	Butt welding
371111	Y-piece Tee 60°	110x110	60°	B / BD	Butt welding

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