

Approvals, standards and quality

2 Approvals, standards and quality

2.1 Approvals











| Country | Certificate of approval | Standard |
|-----------------|---|-----------------------------|
| The Netherlands |  | NEN EN 1519 |
| Belgium |  | NBN EN 1519 |
| Germany |  | DIN EN 1519 DIN EN 12666 |
| Denmark |  | EN 1519 |
| Sweden |  | EN 1519 |
| United Kingdom |  | BS EN 1519 |
| Australia |  | AS/NZS 4401 AS/NZS 5065 |
| Austria |  | ÖNORM EN 1519 |
| France |  | NF-EN 1519 |
| Switzerland |  | EN 1519 EN 12666 |

Table 2.1

The actual version and scope of the certificates can be found in the download area at www.akatherm.com

2.2 Standards

Akatherm HDPE is a professional soil & waste drainage system and meets a number of quality and safety standards.

EN 1519

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Specifications for pipes, fittings and the system.

EN 12666

Plastics piping systems for non-pressure underground drainage and sewerage Polyethylene (PE) - Part 1: Specifications for pipes, fittings and the system.

AS/NZS 4401

Australia Standard: Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polyethylene (PE).

AS/NZS 5065

Australia Standard: Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications

ISO 8770

International standard for Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Specifications for pipes, fittings and the system.

EN 1053

Plastics piping systems. Thermoplastics piping systems for non-pressure applications. Test methods for water tightness.

EN 1054

Plastics piping systems. Thermoplastics piping systems for soil and waste discharge. Test method for airtightness of joints.

DIN 11925-2

Reaction to fire tests Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test.

DIN 13501-1

Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests.

DIN 4102-1

Fire behaviour of building materials and building components - Part 1: Building materials; concepts, requirements and tests.

DS/ISO/TTR 10358

Plastics pipes and fittings - Combined chemical-resistance classification table.

EN 681

Elastomeric seals. Material requirements for pipe joint seals used in water and drainage applications.

2.3 Warranty

Of course you want the security that after the design and installation of specialist drainage systems it will perform without any problems. Akatherm is able to guarantee the proper functioning of your drainage system by combining training upfront, technical support during construction and even (if required) inspection afterwards.

All the Akatherm products have a warranty of 10 years. This applies for both soil and waste systems for high-rise buildings and for siphonic roof drainage projects. Details are available on request.

