



BSI Standards Publication

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure — Polyethylene (PE)

Part 1: Requirements for pipes, fittings and the system

National foreword

This British Standard is the UK implementation of EN 1519-1:2019, incorporating corrigendum March 2021. It supersedes BS EN 1519-1:2000, which is withdrawn.

Products conforming to BS EN 1519-1 are compatible with those of the same size in accordance with BS 5255:1989 (withdrawn). The nominal sizes DN/OD 38, 44 and 57 correspond with the 1¼, 1½ and 2 sizes respectively in BS 5255:1989.

The UK participation in its preparation was entrusted to Technical Committee PRI/88/1, Plastics piping for non-pressure applications.

A list of organizations represented on this committee can be obtained on request to its committee manager.

The UK committee gives the following advice concerning the specification of piping components used with piping systems conforming to this British Standard but not detailed in EN 1519-1:2019.

- See BS 4514:2001 for the UK requirements for the minimum opening dimensions of access fittings, design of swept fittings, connectors to WC pans, stand-off dimensions of pipe and fitting brackets, and requirements for adaptors and plugs. Reference should also be made to the following design requirements of BS 4514:2001, **5.3.1**, **5.3.3**, **5.3.5**, **5.3.7**, **5.3.8** and **5.3.9** and Figures 6, 8 and 9.

The UK committee gives the following advice concerning the use of piping systems conforming to this British Standard in application areas not detailed by EN 1519-1:2019.

- For external above ground installation, which is commonplace and remains allowed in the UK, EN 1519-1:2019 does not include any additional requirements. If the product is to be installed externally, it may require protection by painting or some other means. The advice of the manufacturer of products conforming to BS EN 1519-1 should be sought accordingly.
- For external underground installations, see BS EN 12666-1 or equivalent product specifications for such situations and take account of current national installation practices, e.g. BS EN 1610 and BS EN 752.

The UK committee gives the following advice concerning the selection and installation of piping systems and components conforming to this British Standard BS EN 1519-1.

- The products should only be used in application area B, i.e. suspended from brackets above ground and installed in accordance with BS EN 12056-2 using the Type N (normal type) socket as specified.
- In respect of fire regulations (see **5.8**), for England The Building Regulations 2010, Approved Document B, Volume 1 and Volume 2 give details of the suitable means of sealing pipes passing through a fire-separating element, unless in a protected shaft. Analogous provisions apply in Wales, Scotland and Northern Ireland respectively.