



Designated by Government
to issue
European Technical
Approvals

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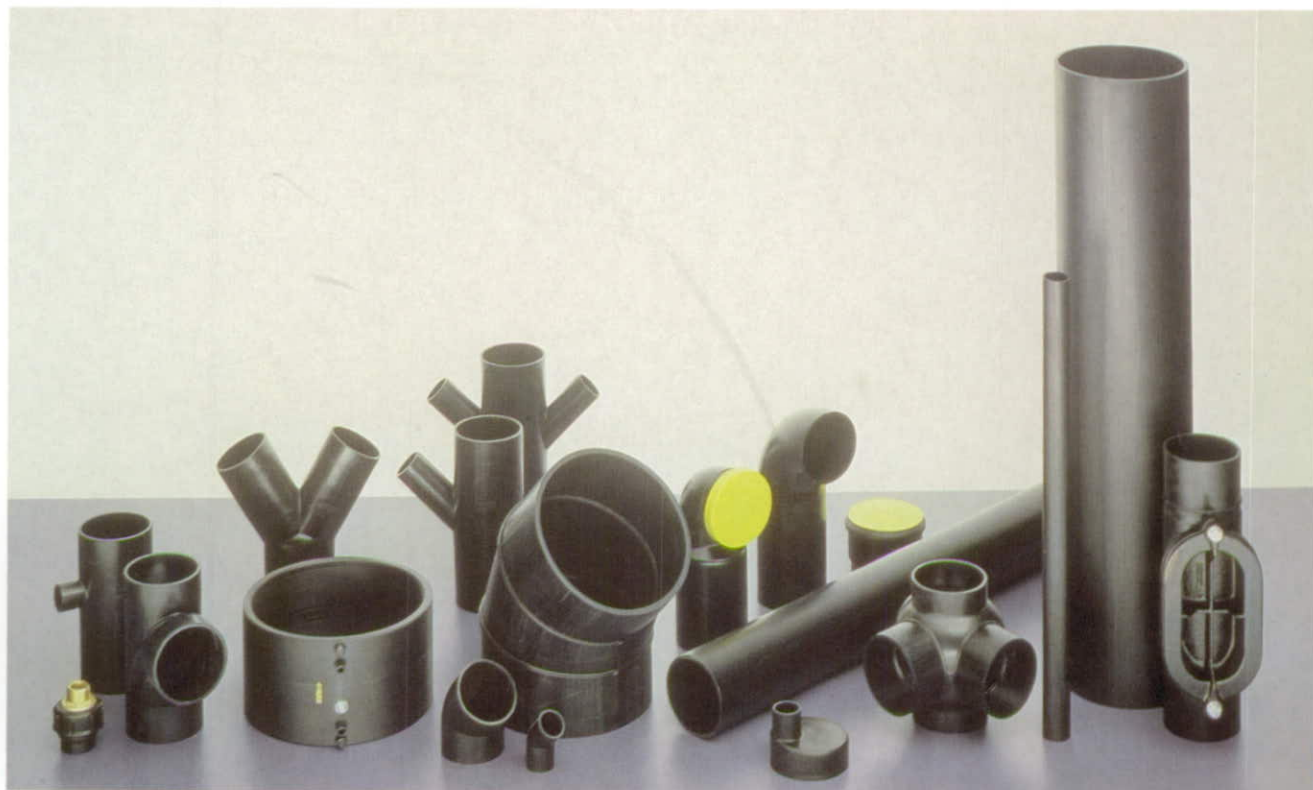
**Agrément
Certificate
No 92/2796**

Second issue*

GEBERIT HDPE DRAINAGE SYSTEMS

Systèmes de canalisations d'évacuation
Abflüsseleitungen

Product



• THIS CERTIFICATE RELATES TO GEBERIT HDPE DRAINAGE SYSTEMS, COMPRISING THE ABOVE GROUND SYSTEM AND THE PLUVIA SYPHONIC ROOF DRAINAGE SYSTEM, THE COMPONENTS OF WHICH ARE DESCRIBED IN THE ACCOMPANYING DETAIL SHEETS.

• The systems are for use in installations designed in accordance with BS 5572 : 1978 and/or BS 6367 : 1983 for the conveyance of surface water and domestic sewage as is permitted to be discharged into public sewers by the Public Health Act 1936, and surface water and sewage as is permitted and defined by the Sewerage (Scotland) Act 1968 and the Water and Sewerage Services (Northern Ireland) Order 1973.

continued

Building Regulations — Detail Sheet 1

1 The Building Regulations 1991 (England and Wales)

The Secretary of State has agreed with the British Board of Agrément the aspects of performance to be used by the BBA in assessing the compliance of drainage systems with the Building Regulations. In the opinion of the BBA, Geberit HDPE Above Ground Drainage Systems, if used in accordance with the provisions of this Certificate, will meet the relevant requirements.



Requirement		Comments
B3	Internal fire spread (structure)	Any pipe passing through a separating wall, compartment floor or compartment wall should be protected to meet the provision in Appendix F.
C4	Resistance to weather and ground moisture	The joints between the roof outlet and the roof will adequately resist the passage of moisture to the inside of the building. See section 7 of Detail Sheet 3 of this Certificate.

continued

- Components of the systems can be used individually or in combination as described in the accompanying Detail Sheets.
- This Certificate does not cover the use of any of the products for untreated trade effluents.

These Front Sheets must be read in conjunction with the accompanying Detail Sheets, which provide information specific to particular products.

Regulationns		Comments
H1(1)	Foul water drainage	See the marked sections of the <i>Design Data</i> parts of the accompanying Detail Sheets.
H3	Rainwater drainage	See the marked sections of the <i>Design Data</i> parts of the accompanying Detail Sheets.
Regulation 7	Materials and workmanship	The systems are acceptable.

2 The Building Standards (Scotland) Regulations 1990 (as amended)

In the opinion of the BBA, Geberit HDPE Above Ground Drainage Systems, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Regulations and related Technical Standards.



Regulation/Standard		Comments
10 B2	Fitness of material Selection and use of materials, fittings, components and other manufactured products	The systems are acceptable.
12 D2.16 and D2.18	Structural fire precautions Service openings	A pipe which passes through a separating wall or separating floor or a compartment wall or compartment floor must be constructed, or protected, so that in the event of fire, the fire resistance required for the wall or floor is maintained. Every service opening through an element must be suitably fire-stopped.
24 and 25	Drainage and sanitary facilities	The systems will meet the relevant requirements of this Technical Standard. See the marked sections of the <i>Design Data</i> parts of the accompanying Detail Sheets.
M2.1 and M2.2	Drainage system	Sanitary pipework in accordance with Detail Sheet 2 will meet the relevant requirements of the Technical Standards. Roof drainage systems in accordance with Detail Sheet 3 may not comply with M2.1d or M2.2. These standards require the pipes to be laid to a fall and that the bore must not diminish in the direction of flow. Correctly designed systems will function adequately despite non-compliance with these Standards and in the opinion of the BBA it is reasonable for local authorities to relax these Standards. See the marked sections of Detail Sheet 3.
M2.2 and M2.4	Sanitary pipework	
M2.6 and M2.7	Gutter and rainwater pipes	
17	Preparation of sites and resistance to moisture	
G3.1	Resistance to precipitation	The systems meet the relevant requirement of this Standard. See the marked section of the <i>Design Data</i> parts of Detail Sheet 3 of this Certificate.

Building Regulations (continued)

3 The Building Regulations (Northern Ireland) 1990 (as amended 1991 and 1993)

In the opinion of the BBA, Geberit HDPE Above Ground Drainage Systems, if used in accordance with the provisions of this Certificate, will satisfy the various Building Regulations as listed below.



Regulation		Comments
B2	Fitness of materials and workmanship	The systems are acceptable. See the marked sections of the <i>Design Data</i> parts of the accompanying Detail Sheets.
E12	Penetration of structure by pipes	Geberit HDPE Above Ground Drainage Systems will contribute to meeting this Regulation. See the marked sections of Detail Sheet 3 of this Certificate.
N7	Rainwater drainage	The systems meet the relevant requirements of this Regulation.
C4	Resistance to ground moisture and weather	The systems meet the relevant requirements of this Regulation. See section 7 of Detail Sheet 3 of this Certificate.

Bibliography

BS 5572 : 1978 *Code of practice for sanitary pipework*

Conditions of Certification

4 Conditions

4.1 The quality of materials and the method of manufacture have been examined and found satisfactory by the BBA and must be maintained to this standard during the period of validity of this Certificate. This Certificate will remain valid for an unlimited period provided that:

- (a) the specification of the products is unchanged, and
- (b) the manufacturer continues to have the products checked by the BBA.

4.2 Where reference is made in this Certificate to any Act of Parliament, Regulation made thereunder, Statutory Instrument, Code of Practice, British Standard, manufacturer's instruction or similar publication, it shall be construed as reference to such publication in the form in which it is in force at the date of this Certificate.

4.3 In granting this Certificate, the BBA makes no representation as to the presence or

absence of patent rights subsisting in the products and/or as to the legal right of Geberit International AG and Geberit Technik AG to market, install or maintain the products.

4.4 It should be noted that any recommendations relating to the safe use of these products which are contained or referred to in this Certificate are the minimum standards required to be met when the products are used. They do not purport in any way to restate the requirements of the Health and Safety at Work etc Act 1974, or of any other statutory or Common Law duties of care, or of any duty of care which may in the future exist; nor is conformity with such recommendations to be taken as satisfying the requirements of the 1974 Act or of any other present or future statutory or Common Law duties of care. In granting this Certificate, the BBA does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as a direct or indirect result of the use of these products.



In the opinion of the British Board of Agrément, Geberit HDPE Above Ground Drainage Systems are fit for their intended use if used as set out in this Certificate. Certificate No 92/2796 is accordingly awarded to Geberit International AG.

On behalf of the British Board of Agrément

Date of issue: 13th September 1994

Director

**Original Certificate issued to Geberit AG on 22nd May 1992. Amended Front Sheets include change of name of Certificate holder, revised Detail Sheet 1, references to the revised Building Regulations, and references to the additional Detail Sheet 3.*