BRITISH STANDARD

BS EN 1448 : 1997
BS 2782 : Part 12 : Method 1224E : 1997

Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) components — Test methods to prove the design of rigid locked socket-and-spigot joints with elastomeric seals

The European Standard EN 1448 : 1996 has the status of a British Standard

ICS 23.040.60

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/61, Plastics piping systems and components, upon which the following bodies were represented:

British Gas plc
British Plastics Federation
British Plumbing Fittings Manufacturers' Association
British Valve and Actuator Manufacturers' Association
Chartered Institution of Water and Environmental Management
Department of the Environment (British Board of Agrèment)
Department of the Environment (Building Research Establishment)
Department of the Environment (Property and Buildings Directorate)
Department of Transport
Electricity Association
Federation of Civil Engineering Contractors
Health and Safety Executive
Institute of Building Control
Institute of Materials
Institution of Civil Engineers
Institution of Gas Engineers
National Association of Plumbing, Heating and Mechanical Services Contractors
Pipeline Industries Guild
Plastics Land Drainage Manufacturers' Association
Society of British Gas Industries
Society of British Water Industries
Water Companies Association
Water Services Association of England and Wales

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

Association of Consulting Engineers
Engineering Equipment and Materials Users' Association
Institution of Mechanical Engineers
RAPRA Technology Ltd.

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 May 1997

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Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:
Committee reference PRI/61
Draft for comment 94/341023 DC

ISBN 0 580 27191 9

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National foreword

This British Standard has been prepared by Technical Committee PRI/61 and is the English language version of EN 1448 : 1996 *Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) components — Test methods to prove the design of rigid locked socket-and-spigot joints with elastomeric seals*, published by the European Committee for Standardization (CEN).

It is incorporated into BS 2782 *Methods of testing plastics : Part 12 : Reinforced plastics pipes, fittings and valves*, as Method 1224E : 1997, for association with related test methods for plastics materials and plastics piping components.

This standard has been prepared for reference by other standards under preparation by CEN for specification of reinforced plastics piping systems and components. It has been implemented to enable experience of the methods to be gained and for use for other fresh applications.

It is also for use for the revision or amendment of other national standards as practicable, but it should not be presumed to apply to any existing standard or specification which contains or makes reference to a different test method until that standard/specification has been amended or revised to make reference to this method and adjust any requirements as appropriate.

Warning note 1. Attention is drawn to the requirements of **6.4.3**, and table 1, which involve application of a test pressure corresponding to at least four times the nominal pressure of the component under test. It is essential to ensure that any components subjected to such pressures, such as the end caps and any associated securing bolts as indicated in figure 1, are selected and contained acordingly.

Warning note 2. This British Standard, which is identical with EN 1448 : 1996, does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the method should be operated only by trained personnel.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

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