

Preinsulated bonded pipe systems for underground hot water networks — Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

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British Standard

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This British Standard, having been prepared under the direction of the Refrigeration, Heating and Air Conditioning Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 March 1995

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National foreword

This British Standard has been prepared under the direction of the Refrigeration, Heating and Air Conditioning Standards Policy Committee and is the English language version of EN 448:1994 *Preinsulated bonded pipe systems for underground hot water networks — Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of high density polyethylene*, published by the European Committee for Standardization (CEN).

EN 448 was produced as a result of international discussion in which the UK took an active part.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

Preinsulated bonded pipe systems for underground hot water networks — Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

Systèmes bloqués de tuyaux préisolés pour les réseaux enterrés d'eau chaude —
Raccords préisolés, tubes de service en acier, isolation thermique polyuréthane et tube de protection en polyéthylène

Werkmäßig gedämmte Verbundmantelrohrsysteme für erdverlegte Fernwärmenetze — Verbund-Formstücke bestehend aus Stahl-Mediumrohr, Polyurethan-Wärmedämmung und Außenmantel aus Polyethylen

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard was drawn up by CEN/TC 107/WG 5, Fittings, under the Technical Committee CEN/TC 107, Prefabricated district heating pipe systems, the Secretariat of which is held by the Danish Standards Association.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 1995, and conflicting national standards shall be withdrawn at the latest by April 1995.

This specification is part of the standards for bonded systems using polyurethane foam thermal insulation applied by injecting (pouring), to bond to a steel service pipe and a polyethylene casing pipe.

The other standards from TC 107 are:

EN 253:1994, *Pipes*.

EN 488:1994, *Valves*.

EN 489:1994, *Joints*.

In compiling this document WG 5 has made use of results of research carried out by system manufacturers, raw material suppliers, users, universities and research institutes.

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