BRITISH STANDARD

BS EN
13090:2000

Means for resealing threaded joints of gas pipework in buildings

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ICS 23.040.80; 91.140.40

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 13 and a back cover.

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EUROPÄISCHE NORM

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English version

Means for resealing threaded joints of gas pipework in buildings

Matériaux pour la réétanchéité des raccords filetés des tuyauteries de gaz dans les bâtiments

Mittel zum nachträglichen Abdichten von Gewindeverbindungen in Gas-Leitungsinstallationen in Gebäuden

This European Standard was approved by CEN on 25 September 2000.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 108 " Sealing materials and lubricants for gas appliances and gas equipment", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by April 2001, and conflicting national standards shall be withdrawn at the latest by April 2001.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Threaded joints of old interior gas piping systems may become unsound, because, for example, in former times parallel/parallel threaded joints were sealed by the application of natural fibers (e.g. hemp, flax) in combination with unsuitable sealing materials. These joints were sound as long as the distributed gas was wet and thus kept the natural fibers in a swollen condition. However, the joints began to leak when subsequently dry gas was introduced and the fibres consequently shrank.

Sealants specified in this European Standard are suitable for sealing leaky threaded joints, but not corroded or broken pipes. It is therefore recommended that the leakage rate of the gas installation, under distribution pressure, is determined prior to resealing. If the leakage rate is greater than e.g. 5 l/h then this is normally an indication of corrosion or other severe pipe damage. This should be repaired before the installation is treated with the sealant.

General recommendations for the design, construction, testing, operation, and maintenance of gas pipework in buildings are specified in EN 1775.

All pressures referred to in this Standard are gauge pressures.

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