

Specification for

One-part gun grade silicone-based sealants

UDC 691.175.842:691.587:001.4:620.1

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Elements and Components (of Diverse Materials) for Buildings Standards Policy Committee (ECB/-) to Technical Committee ECB/3, upon which the following bodies were represented:

- Aluminium Window Association
- Association of Sealant Applicators
- British Adhesives and Sealants Association
- British Tar Industry Association
- Building Employers' Confederation
- Department of the Environment (Building Research Establishment)
- Flat Glass Manufacturers' Association
- Glass and Glazing Federation
- Institution of Civil Engineers
- Refined Bitumen Association Ltd.
- Royal Institute of British Architects
- Society of Architectural and Associated Technicians
- Society of Chemical Industry
- Water Authorities Association

This British Standard, having been prepared under the direction of the Elements and Components (of Diverse Materials) for Buildings Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 May 1989

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First published June 1980
First revision May 1989

The following BSI references relate to the work on this standard:
Committee reference ECB/3
Draft for comment 87/11174 DC

ISBN 0 580 17219 8

Amendments issued since publication

Amd. No.	Date of issue	Comments

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Foreword

This revision of this British Standard has been prepared under the direction of the Elements and Components (of Diverse Materials) for Buildings Standards Policy Committee and supersedes BS 5889:1980, which is withdrawn. The principal changes made in this standard from those shown in the 1980 edition are as follows:

- a) the classification in terms of the forces required to extend fully cured specimens by stipulated amounts has been altered. Type A is now ≤ 240 N at 100 % and type B is now 150 N to 450 N at 60 %;
- b) the specified recovery for type A sealants has changed from 50 % to 60 %;
- c) the maximum extension for type A sealants in the test for adhesion and cohesion after exposure to ultraviolet radiation through glass has changed from 50 % to 100 %;
- d) where appropriate, cross-references to BS 3712 have replaced detailed descriptions of test methods.

Other minor alterations have been made to bring the standard into line with BS 4254 and BS 5215.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard based on testing and continuing surveillance, which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS 5750.

Enquiries as to the availability of third party certification schemes will be forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.