
British Standard

Rubber used in preformed gaskets for weather exclusion from buildings

Part 1. Specification for non-cellular gaskets

Caoutchouc pour joints préformés d'isolation des bâtiments

Partie 1. Joints non alvéolaires — Spécifications

Kautschuk für vorgeformte Dichtungen zur Abdichtung von Gebäuden gegen Witterungseinflüsse

Teil 1. Dichtungen aus nichtzellförmigem Werkstoff

Foreword

This Part of BS 4255 has been prepared under the direction of the Rubber Standards Committee. It is a revision of the 1967 edition which is withdrawn.

The major changes incorporated in this revision are as follows:

- (a) chlorosulphonated polyethylene and silicone rubbers have been included in the field of application;
- (b) the classification of rubbers by hardness and application has been modified;
- (c) various changes have been introduced into the values specified for the physical property requirements.

The requirements of ISO 3934 and ISO 5892, published by the International Organization for Standardization (ISO), were taken into account during the preparation of this Part of BS 4255, but the standard is substantially different from those two documents.

This standard is a material specification and does not cover the design of gaskets nor their application to building construction nor their performance in service. Attention is drawn, however, to the following standards.

- BS 4315 Methods of test for resistance to air and water penetration
Part 1 Windows and structural gasket glazing systems
- BS 6093 Code of practice for design of joints and jointing in building construction
- BS 6262 Code of practice for glazing for buildings

Attention is also drawn to BS 3734 which specifies dimensional tolerances for rubber products. The appropriate classes of tolerance for gaskets should be agreed between the user and the manufacturer.

A test for the determination of ozone resistance after simulated ageing and leaching is to be developed and it is hoped that a requirement for this property will eventually be included in this Part.

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