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BSI

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British Standard Specification for

Two-part polysulphide-based sealants

Joints en deux parties à base de polysulfure

Zweikomponentendichtungen auf Polysulfidbasis

British Standards Institution

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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 Building Standards Committee. It covers products intended for use in normal atmospheric environments in buildings in the UK. This standard supersedes BS 4254 : 1967, which is withdrawn.

If it is desired to use a two-part polysulphide-based sealant in situations other than those specified in clause 1, products complying with this standard may still be suitable but in each case the manufacturer will need to be consulted to verify this fact. Such verification may necessitate testing in accordance with this standard but using the actual intended building material in place of the substrate materials specified in C.2. It may also necessitate special performance considerations and tests; for instance, if it is intended to use the product in the walls of a reservoir, both the ability of the product to perform in such a sub-aqueous situation and the effect on the contained liquid (e.g. the potability of drinking water) will need to be ascertained.

The following are the principal changes made in this revision of this standard.

(a) In the rheological test the maximum permissible slump for gun grade sealants has been increased to 1 mm.

(b) In the adhesion and tensile modulus test the preparation of the test assemblies has been brought into line with other sealant standards. The size of the cement mortar blocks has been changed and stainless steel has been deleted from the list of test surfaces.

(c) The test for loss of mass after heat ageing has been brought into line with other sealant standards.

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