BS ISO 834-7:2025

BSI Standards Publication

Fire-resistance tests — Elements of building construction

Part 7: Specific requirements for columns

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee FSH/22, Fire resistance tests.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Part 7: Specific requirements for columns

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Foreword

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This document was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 2, *Fire resistance*.

This second edition cancels and replaces the first edition (ISO 834-7:2000), which has been technically revised.

The main changes are as follows:

— an alternative method of test for the protection of steel columns without an applied axial load has been added. The alternative method (non-loaded) is referred to as "Method B". The original method, which requires columns to be tested with an applied axial load, is now referred to as "Method A".

A list of all parts in the ISO 834 series can be found on the ISO website.

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Introduction

This document contains specific requirements for fire-resistance testing which are unique to the elements of building construction described as columns. The requirements for these loadbearing elements are intended to be applied as appropriate in conjunction with the detailed and general requirements contained in ISO 834-1.

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