



BSI Standards Publication

**Textiles and textile products  
— Burning behaviour —  
Curtains and drapes —  
Measurement of flame spread  
of vertically oriented specimens  
with large ignition source**

## National foreword

This British Standard is the UK implementation of EN 13772:2011. It supersedes BS EN 13772:2003, which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 13772:2011 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

During the revision process, the UK committee maintained its objection to several technical aspects of this standard. The UK committee is concerned that the application of EN 13772:2011 in its current form could produce test results that might be subject to dispute or litigation.

The key concerns are:

1. The behaviour of some fabrics under test is such that they cannot be said to conform to the requirement in EN 13772:2011, 10.8 ("the specimen shall still be under radiation and remain so during the whole test"). Under radiation, thermoplastic materials melt away from the heat source and so can no longer be deemed to "still be under radiation and remain so during the whole test".
2. The cleansing procedure given in EN 13772:2011 is not intended to demonstrate durability of the fire retardancy of the fabric. This leaves it uncertain whether fabrics would be "fit for purpose" for some applications.
3. Whilst the first marker thread is used in this standard it should not be used to assess the flammability performance of the sample as the marker may be severed by the ignition of combustible gasses liberated from the sample during the initial radiation phase of the test. The severance of the first thread by this mechanism is very sensitive to ambient conditions and is not reproducible under the stated test conditions.

Users of this standard are advised to treat test results with caution. The UK committee advises that BS 5867-2:2008 offers a more reliable method for assessment of textiles used in the manufacture of curtains, including the assessment of durability of the tested performance.

The UK participation in its preparation was entrusted to Technical Committee TCI/66/-/8, Burning behaviour.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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## Amendments issued since publication

Date	Text affected
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English Version

**Textiles and textile products - Burning behaviour - Curtains and drapes - Measurement of flame spread of vertically oriented specimens with large ignition source**

Textiles et produits textiles - Comportement au feu - Rideaux et tentures - Mesurage de la propagation de flamme d'éprouvettes orientées verticalement, avec une source d'allumage importante

Textilien und textile Erzeugnisse - Brennverhalten - Vorhänge und Gardinen - Messung der Flammenausbreitungseigenschaften von vertikal angeordneten Messproben mit großer Zündquelle

This European Standard was approved by CEN on 3 December 2010.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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