



BSI Standards Publication

**Sandwich boards for furniture  
(SWB-F) — Factory made  
products — Definition,  
classification and test  
methods for determination of  
performance characteristics**

**National foreword**

This Published Document is the UK implementation of CEN/TS 16526:2013.

The UK participation in its preparation was entrusted to Technical Committee B/541, Wood based panels.

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

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English Version

**Sandwich boards for furniture (SWB-F) - Factory made products  
- Definition, classification and test methods for determination of  
performance characteristics**

Panneaux sandwichés pour meubles (SWB-F) - Produits  
manufacturés - Définition, classification et méthodes d'essai  
pour la détermination des propriétés fonctionnelles

Sandwichplatten für Möbel (SWB-F) - Werkmäßig  
hergestellte Produkte - Definition, Klassifizierung und  
Prüfverfahren zur Bestimmung der Leistungseigenschaften

This Technical Specification (CEN/TS) was approved by CEN on 15 June 2013 for provisional application.

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## **Foreword**

This document (CEN/TS 16526:2013) has been prepared by Technical Committee CEN/TC 112 “Wood-based panels”, the secretariat of which is held by DIN.

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## 1 Scope

This European Technical Specification defines terms, establishes a classification and specifies test methods for flat, factory made, non-structural, faced and unfaced sandwich boards for use in furniture manufacturing (SWB-F) for dry (service class 1) and humid conditions (service class 2). This European Technical Specification does not specify requirements.

Guidance is provided for the selection of board properties which are relevant for specific board applications.

This European Technical Specification is not applicable to products which are already covered by existing standards.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 311, *Wood-based panels - Surface soundness - Test method*

EN 318, *Wood based panels - Determination of dimensional changes associated with changes in relative humidity*

EN 320, *Particleboards and fibreboards - Determination of resistance to axial withdrawal of screws*

EN 322, *Wood-based panels - Determination of moisture content*

EN 324-1, *Wood-based panels - Determination of dimensions of boards - Part 1: Determination of thickness, width and length*

EN 324-2, *Wood-based panels - Determination of dimensions of boards - Part 2: Determination of squareness and edge straightness*

EN 325, *Wood-based panels - Determination of dimensions of test pieces*

EN 326-1, *Wood-based panels - Sampling, cutting and inspection - Part 1: Sampling and cutting of test pieces and expression of test results*

EN 326-2, *Wood-based panels - Sampling, cutting and inspection - Part 2: Initial type testing and factory production control*

EN 326-3, *Wood-based panels - Sampling, cutting and inspection - Part 3: Inspection of an isolated lot of panels*

EN 438-2, *High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called Laminates) - Part 2: Determination of properties*

EN 717-1, *Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method*

EN 717-2, *Wood-based panels - Determination of formaldehyde release - Part 2: Formaldehyde release by the gas analysis method*

EN 789, *Timber structures - Test methods - Determination of mechanical properties of wood based panels*

EN 826, *Thermal insulating products for building applications - Determination of compression behaviour*