

Methods of test for ancillary components for masonry —

Part 5: Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (couplet test)

The European Standard EN 846-5:2000 has the status of a
British Standard

ICS 91.080.30

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

National foreword

This British Standard is the official English language version of EN 846-5:2000, which is included in a package of new European Standards being prepared by CEN/TC 125 relating to ancillary components for masonry - ties, straps, hangers and brackets. Although the English language versions of these European Standards will be adopted as British Standards as they become available, the existing British Standards for ties will be retained, but only until such a time that the complete package of European Standards become available. Any residue(s) from British Standards affected by the package which need to be retained, will be drawn together to form a new BS. The original group of British Standards will then be withdrawn and this will be notified in *Update Standards*.

The UK participation in its preparation was entrusted by Technical Committee B/519, Masonry and associated testing, to Subcommittee B/519/3, Ancillary components, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 12 , an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 June 2000

© BSI 06-2000

ISBN 0 580 34888 1

Amendments issued since publication

Amd. No.	Date	Comments

English version

**Methods of test for ancillary components for masonry - Part 5:
Determination of tensile and compressive load capacity and load
displacement characteristics of wall ties (couplet test)**

Méthodes d'essai pour composants accessoires de
maçonnerie - Partie 5: Détermination de la résistance à la
traction à la compression et des caractéristiques effort-
déformation des attaches de murs (essai entre deux
éléments)

Prüfverfahren für Ergänzungsbauteile für Mauerwerk -
Teil 5: Bestimmung der Zug- und Drucktragfähigkeit sowie
der Steifigkeit von Mauerankern (Steinpaar-Prüfung)

This European Standard was approved by CEN on 4 December 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Contents	Page
Foreword.....	3
1 Scope	4
2 Normative references.....	4
3 Principle.....	5
4 Materials	5
5 Apparatus.....	6
6 Preparation and storage of test specimens.....	7
7 Procedure	8
8 Expression of results.....	9
9 Test report.....	9

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 125, Masonry, the Secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2000, and conflicting national standards shall be withdrawn at the latest by September 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports the essential requirements of the EU Construction Products Directive (89/106/EEC) and includes the performance requirements referred to in the Eurocode for masonry structures.