



BSI Standards Publication

Methods of test for ancillary components for masonry

Part 6: Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (single end test)

National foreword

This British Standard is the UK implementation of EN 846-6:2012. It supersedes BS EN 846-6:2000 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/519/3, Ancillary components.

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

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English Version

**Methods of test for ancillary components for masonry - Part 6:
Determination of tensile and compressive load capacity and load
displacement characteristics of wall ties (single end test)**

Méthodes d'essai pour composants accessoires de
maçonnerie - Partie 6: Détermination de la résistance de
traction et en compression et de la rigidité d'attaches
murales (essai d'extrémité simple)

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

This European Standard was approved by CEN on 11 February 2012.

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Foreword

This document (EN 846-6:2012) 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of an identical text or by endorsement, at the latest by February 2013, and conflicting national standards shall be withdrawn at the latest by February 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 846-6:2000.

The principal changes in this document from the previous edition relate to the number of ties to be tested, the location of the clamp during testing and the treatment of slope and movement tolerant ties. Ties are to now be placed at the minimum declared embedment length rather than a length calculated from the tie length and design cavity width. Ten ties are tested in tension and ten in compression. In the compression tests the ties are loaded over an extended cavity, or alternatively provision is made for evaluating the cavity section by calculation. Where ties are designed to tolerate either an induced slope or movement then prior to test they are cycled fifty times through the slope or movement for which they have been designed.

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