

<b>STN</b>	<b>Technické požiadavky na doplnkové prvky do muriva. Časť 2: Preklady.</b>	<b>STN EN 845-2+A1</b>  72 2710
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Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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## Specification for ancillary components for masonry - Part 2: Lintels

Spécifications pour composants accessoires de  
maçonnerie - Partie 2: LinteauxFestlegungen für Ergänzungsbauteile für Mauerwerk -  
Teil 2: Stürze

This European Standard was approved by CEN on 21 March 2013 and includes Amendment 1 approved by CEN on 9 April 2016.

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**Contents**

Page

<b>European foreword</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>5</b>
<b>2 Normative references</b> .....	<b>5</b>
<b>3 Terms, definitions and symbols</b> .....	<b>6</b>
<b>3.1 Terms and definitions</b> .....	<b>6</b>
<b>3.2 Symbols</b> .....	<b>8</b>
<b>4 Materials</b> .....	<b>11</b>
<b>4.1 Steel lintels</b> .....	<b>11</b>
<b>4.2 Concrete lintels</b> .....	<b>11</b>
<b>4.3 Masonry lintels</b> .....	<b>12</b>
<b>4.4 Combined and composite lintels</b> .....	<b>13</b>
<b>5 Requirements</b> .....	<b>13</b>
<b>5.1 General</b> .....	<b>13</b>
<b>5.2 Dimensions, mass and limit deviations</b> .....	<b>13</b>
<b>5.2.1 Dimensions</b> .....	<b>13</b>
<b>5.2.2 Mass per unit area</b> .....	<b>14</b>
<b>5.2.3 Built-in length</b> .....	<b>14</b>
<b>5.2.4 Deviation from declared values</b> .....	<b>14</b>
<b>5.3 Mechanical performance and information to obtain the mechanical performance</b> .....	<b>14</b>
<b>5.3.1 Single lintels, combined lintels and composite lintels</b> .....	<b>14</b>
<b>5.3.2 Prefabricated part of composite lintels</b> .....	<b>15</b>
<b>5.4 Durability</b> .....	<b>16</b>
<b>5.4.1 General</b> .....	<b>16</b>
<b>5.4.2 Steel lintels</b> .....	<b>16</b>
<b>5.4.3 Concrete lintels and masonry lintels</b> .....	<b>16</b>
<b>5.5 Water penetration and installation</b> .....	<b>16</b>
<b>5.6 Thermal properties</b> .....	<b>16</b>
<b>5.7 Freeze/thaw resistance</b> .....	<b>17</b>
<b>5.7.1 General</b> .....	<b>17</b>
<b>5.7.2 Steel lintels</b> .....	<b>17</b>
<b>5.7.3 Concrete lintels</b> .....	<b>17</b>
<b>5.7.4 Masonry lintels</b> .....	<b>17</b>
<b>5.8 Resistance to fire</b> .....	<b>17</b>
<b>5.9 Water absorption</b> .....	<b>17</b>
<b>5.9.1 General</b> .....	<b>17</b>
<b>5.9.2 Steel lintels</b> .....	<b>17</b>
<b>5.9.3 Other lintels</b> .....	<b>18</b>
<b>5.10 Water vapour permeability</b> .....	<b>18</b>
<b>5.11 Dangerous substances</b> .....	<b>18</b>
<b>6 Description and designation</b> .....	<b>18</b>
<b>7 Marking</b> .....	<b>21</b>

<b>8</b>	<b>Assessment and verification of constancy of performance - AVCP .....</b>	<b>22</b>
<b>8.1</b>	<b>General.....</b>	<b>22</b>
<b>8.2</b>	<b>Type testing.....</b>	<b>22</b>
<b>8.2.1</b>	<b>General.....</b>	<b>22</b>
<b>8.2.2</b>	<b>Test samples, testing and compliance criteria .....</b>	<b>23</b>
<b>8.2.3</b>	<b>Test reports.....</b>	<b>23</b>
<b>8.2.4</b>	<b>Shared other party results.....</b>	<b>23</b>
<b>8.3</b>	<b>Factory production control (FPC) .....</b>	<b>24</b>
<b>8.3.1</b>	<b>General.....</b>	<b>24</b>
<b>8.3.2</b>	<b>Requirements .....</b>	<b>25</b>
<b>8.3.3</b>	<b>Product specific requirements.....</b>	<b>28</b>
<b>8.3.4</b>	<b>Procedure for modifications .....</b>	<b>28</b>
	<b>Annex A (informative) Method for assessment of loads on lintels.....</b>	<b>29</b>
	<b>Annex B (informative) Recommendations for installation of lintels .....</b>	<b>30</b>
<b>B.1</b>	<b>Bearings.....</b>	<b>30</b>
<b>B.2</b>	<b>Installation .....</b>	<b>30</b>
<b>B.3</b>	<b>Composite lintels.....</b>	<b>30</b>
	<b>Annex C (normative) Corrosion protection systems.....</b>	<b>31</b>
<b>C.1</b>	<b>Steel lintels .....</b>	<b>31</b>
<b>C.2</b>	<b>Concrete and masonry lintels (except those manufactured using autoclaved aerated concrete) .....</b>	<b>33</b>
<b>C.3</b>	<b>Lintels manufactured using autoclaved aerated concrete.....</b>	<b>34</b>
	<b>Annex D (informative) Guidance on FPC frequencies .....</b>	<b>35</b>
	<b>Annex ZA <sup>A1</sup> (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation.....</b>	<b>37</b>
<b>ZA.1</b>	<b>Scope and relevant characteristics.....</b>	<b>37</b>
<b>ZA.2</b>	<b>System of Assessment and Verification of Constancy of Performance (AVCP) .....</b>	<b>40</b>
<b>ZA.3</b>	<b>Assignment of AVCP tasks .....</b>	<b>40</b>
	<b>Bibliography.....</b>	<b>42</b>

## European foreword

This document (EN 845-2:2013+A1:2016) 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 January 2017, and conflicting national standards shall be withdrawn at the latest by April 2018.

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 includes Amendment 1 approved by CEN on 2016-04-09.

This document supersedes A1 EN 845-2:2013 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

A1 *deleted text* A1

EN 845, *Specification for ancillary components for masonry*, consists of the following parts:

- *Part 1: Wall ties, tension straps, hangers and brackets*
- *Part 2: Lintels*
- *Part 3: Bed joint reinforcement of steel meshwork*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies requirements for prefabricated lintels for maximum spans of 4,5 m and made from steel, autoclaved aerated concrete, manufactured stone, concrete, fired clay units, calcium silicate units, natural stone units, or a combination of these materials. Concrete and steel beams conforming to EN 1090-1, EN 12602 and EN 13225, as appropriate, are not covered by this standard.

Prefabricated lintels can be either complete lintels or the prefabricated part of a composite lintel.

This European Standard is not applicable to:

- a) lintels completely made on site;
- b) lintels of which the tensile parts are made on site;
- c) timber lintels;
- d) natural stone lintels, not reinforced.

Linear components spanning clear openings greater than 4,5 m in masonry walls and linear components intended for use independently in a structural role (e.g. beams) are not covered by this standard.

## 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 206-1:2000, *Concrete — Part 1: Specification, performance, production and conformity*

EN 771 (all parts), *Specification for masonry units*

EN 772-1, *Methods of test for masonry units — Part 1: Determination of compressive strength*

EN 772-11, *Methods of test for masonry units — Part 11: Determination of water absorption of aggregate concrete, autoclaved aerated concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units*

EN 846-9, *Methods of test for ancillary components for masonry — Part 9: Determination of flexural resistance and shear resistance of lintels*

EN 846-11, *Methods of test for ancillary components for masonry — Part 11: Determination of dimensions and bow of lintels*

EN 846-13:2001, *Methods of test for ancillary components for masonry — Part 13: Determination of resistance to impact, abrasion and corrosion of organic coatings*

EN 846-14, *Methods of test for ancillary components for masonry — Part 14: Determination of the initial shear strength between the prefabricated part of a composite lintel and the masonry above it*

**EN 845-2:2013+A1:2016 (E)**

EN 990, *Test methods for verification of corrosion protection of reinforcement in autoclaved aerated concrete and lightweight aggregate concrete with open structure*

EN 998-2:2010, *Specification for mortar for masonry — Part 2: Masonry mortar*

EN 1745, *Masonry and masonry products — Methods for determining thermal properties*

EN 10080, *Steel for the reinforcement of concrete — Weldable reinforcing steel — General*

EN 10088 (all parts), *Stainless steels*

prEN 10138 (all parts), *Prestressing steels*

EN 10346:2009, *Continuously hot-dip coated steel flat products — Technical delivery conditions*

EN 12602:2008, *Prefabricated reinforced components of autoclaved aerated concrete*

EN 13501-2, *Fire classification of construction products and building elements — Part 2: Classification using data from fire resistance tests, excluding ventilation services*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods (ISO 1461)*

EN ISO 1463, *Metallic and oxide coatings — Measurement of coating thickness — Microscopical method (ISO 1463)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**