



National Standards Authority of Ireland

IRISH STANDARD

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ICS 29.240.20  
79.080

**TIMBER POLES FOR OVERHEAD LINES -  
TEST METHODS - DETERMINATION OF  
MODULUS OF ELASTICITY, BENDING  
STRENGTH, DENSITY AND MOISTURE  
CONTENT**

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EUROPEAN STANDARD  
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English version

**Timber poles for overhead lines - Test methods - Determination  
of modulus of elasticity, bending strength, density and moisture  
content**

Poteaux en bois pour lignes aériennes - Méthodes d'essai -  
Détermination du module d'élasticité, de la résistance à la  
flexion, de la masse volumique et de la teneur en humidité

Holzposte für Freileitungen - Prüfverfahren - Bestimmung  
des Elastizitätsmoduls, der Biegefestigkeit, der Dichte und  
des Feuchtigkeitsgehalts

This European Standard was approved by CEN on 13 October 2001.

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 Management Centre 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 Management Centre 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.



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**EN 12509:2001 (E)**

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## **Foreword**

This European Standard has been prepared by Technical Committee CEN/TC 124 "Structural timber", the secretariat of which is held by DS.

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of an identical text or by endorsement, at the latest by May 2002, and conflicting national standards shall be withdrawn at the latest by May 2002.

This standard includes an informative annex A describing a suitable test method for cantilever bending.

This standard includes a Bibliography.

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.

## **EN 12509:2001 (E)**

### **Introduction**

This standard is one of five standards covering requirements for visual or machine grading, test methods, determination of characteristic values, methods of specifying durability and sizes.

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