

DIN EN 15304



ICS 91.100.30

 Supersedes  
 DIN EN 15304:2007-08

# **Determination of the freeze-thaw resistance of autoclaved aerated concrete**

## **English translation of DIN EN 15304:2010-06**

Bestimmung des Frost-Tau-Widerstandes von dampfgehärtetem Porenbeton  
 Englische Übersetzung von DIN EN 15304:2010-06

Détermination de la résistance au gel/dégel du béton cellulaire autoclavé  
 Traduction anglaise de DIN EN 15304:2010-06

Document comprises 21 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



*A comma is used as the decimal marker.*

## **National foreword**

This standard has been prepared by Technical Committee CEN/TC 177 “Prefabricated reinforced components of autoclaved aerated concrete or lightweight aggregate concrete with open structure” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Working Committee NA 005-07-09 AA *Porenbeton und haufwerksporiger Leichtbeton*.

## **Amendments**

This standard differs from DIN EN 15304:2007-08 as follows:

- a) Clause 3 “Definitions, symbols and abbreviations” has been added.
- b) Normative references have been updated.
- c) Tolerances have been added to improve the ease of application.
- d) The calculation of the moisture content has been expanded.
- e) The requirements for the test report have been expanded.
- f) The determination of the mass loss, the calculation of the dry density and the calculation of the moisture content have been clarified.

## **Previous editions**

DIN EN 15304: 2007-08

English Version

## Determination of the freeze-thaw resistance of autoclaved aerated concrete

Détermination de la résistance au gel/dégel du béton  
cellulaire autoclavé

Bestimmung des Frost-Tau-Widerstandes von  
dampfgehärtetem Porenbeton

This European Standard was approved by CEN on 23 January 2010.

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 CEN 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**