



SLOVENSKI STANDARD
oSIST prEN 15191:2024
01-januar-2024

Montažni betonski izdelki - Klasifikacija lastnosti steklocementnega kompozita

Precast concrete products - Classification of Glass fibre Reinforced Concrete performance

Betonfertigteile - Klassifizierung der Leistungseigenschaften von Glasfaserbeton

Produits préfabriqués en béton - Classification des performances des composites ciment-verre

Ta slovenski standard je istoveten z: prEN 15191

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ICS:

91.100.30 Beton in betonski izdelki Concrete and concrete products

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ICS

Will supersede EN 15191:2009

English Version

Precast concrete products - Classification of Glass fibre Reinforced Concrete performance

Produits préfabriqués en béton - Classification des
performances des composites ciment-verre

Betonfertigteile - Klassifizierung der
Leistungseigenschaften von Glasfaserbeton

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 229.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 15191:2023) has been prepared by Technical Committee CEN/TC 229 “Precast Concrete Products”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 15191:2009.

EN 15191:2023 includes the following significant technical changes with respect to EN 15191:2009:

- a) Typical composition and performance moved to an Informative Annex,
- b) Introduction of a criterion on the ratio between the bending stress at limit of proportionality and the bending stress at modulus of rupture,
- c) Update and simplification of the table of characteristic values for the classification of GRC,
- d) Modification of the provisions related to the application specific parameters, with the introduction of default values.

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prEN 15191:2023(E)**Introduction**

The classification covers all GRC formulation and production processes.

The properties of GRC depend on:

- a) the constituent materials used,
- b) the composition of glassfibre reinforced concrete,
- c) the production processes.

The classification of GRC is based on the material properties that can be achieved.

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