SLOVENSKI STANDARD
SIST EN 15191:2025

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Nadomešča:
SIST EN 15191:2010

Montažni betonski izdelki - Klasifikacija lastnosti steklocementnega kompozita

Precast concrete products - Classification of glassfibre 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: **EN 15191:2024**

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91.100.30	Beton in betonski izdelki	Concrete and concrete products

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Precast concrete products - Classification of glassfibre reinforced concrete performance

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

Betonfertigteile - Klassifizierung der Leistungseigenschaften von Glasfaserbeton

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 15191:2024) has been prepared by Technical Committee CEN/TC 229 “Precast Concrete Products”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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

This document supersedes EN 15191:2009.

EN 15191:2024 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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Introduction

The classification covers all glassfibre reinforced concrete (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.