

# **Aggregates for concrete — Test methods for mechanical and physical properties**

---

Part 1: Determination of bulk density, particle density,  
particle mass-per-volume and water absorption

## National foreword

This British Standard is the UK implementation of ISO 20290-1:2021.

The UK participation in its preparation was entrusted to Technical Committee B/517/1, Concrete production and testing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

### Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2021  
Published by BSI Standards Limited 2021

ISBN 978 0 580 99889 8

ICS 91.100.30

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2021.

### Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

# INTERNATIONAL STANDARD

**ISO**  
**20290-1**

First edition  
2021-11-02

---

---

## **Aggregates for concrete — Test methods for mechanical and physical properties —**

### **Part 1: Determination of bulk density, particle density, particle mass-per- volume and water absorption**

*Granulats pour béton — Méthodes d'essai relatives aux propriétés  
mécaniques et physiques —*

*Partie 1: Détermination de la masse volumique apparente, de la  
masse volumique des particules, de la masse volumique réelle et de  
l'absorption d'eau*



Reference number  
ISO 20290-1:2021(E)