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ICS 91.100.30
CCS Q 12

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 2914-2025

Test Methods for Shrinkage Performance of 3D Printed Cement-Based Material Products

3D打印水泥基材料制品收缩性能试验方法

(English Translation)

Issued on: August 19, 2025 **Implemented on: March 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JC/T 2914-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 March 2026.

The JC/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 7 pages in English translation.

2 Scope Preview

This standard specifies the principles, instruments, specimen preparation, test procedures, result calculation, and test report for the test method of shrinkage properties of 3D printed cement-based material products. This document applies to the shrinkage property testing of

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3D printed cement paste, mortar, and concrete.

JC/T 2914-2025 falls under ICS 91.100.30, in the field of construction materials and building.

This catalogue holds 579 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

3 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 7 pages

Chinese original: about 11,138 characters

4 Related standards

Standards on related subjects:

JGJ/T 308-2013 - Technical Specification for Application of Phosphorous Slag Powder Concrete

JC/T 985-2005 - Cementitious self-leveling floor mortar

TB/T 1878-2002 - Prestressed concrete sleeper fatigue test methods

JC/T 2885-2025 - Concrete dense and reinforcement admixtures

JC/T 2884-2025 - Geosynthetic cementitious composite mat

JC/T 2769-2024 - Iron tailings crushed stone for concrete

5 Classification and status

International classification (ICS): 91.100.30

Chinese Standard Classification (CCS): Q 12

Prefix JC/T: recommended standard.

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