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ICS 91.100.30
CCS Q12

JC

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

JC/T 2553-2019

Concrete anti-corrosion inhibitor

混凝土抗侵蚀抑制剂

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JC/T 2553-2019 was issued by Ministry of Industry and Information Technology on 24 December 2019 and has been in force since 1 July 2020.

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 8 pages in English translation.

2 Scope Preview

This standard specifies the terms and definitions, classification and marking, requirements, test methods, inspection rules, packaging, storage and transportation of concrete corrosion inhibitors. This standard is applicable to reinforced concrete in corrosive environments such

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as sulfate and chloride, and is used to inhibit the transmission and erosion of media such as moisture and ions in the environment to the interior of the concrete structure.

JC/T 2553-2019 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

Sector: Building Materials Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 9,914 characters

4 Related standards

Standards on related subjects:

JG/T 223-2017 - Polycarboxylates high performance water-reducing admixture

GB 8076-2008 - Concrete Admixtures

GB/T 6645-2008 - Granulated electric furnace phosphorous slag used for cement

JC/T 2913-2025 - Test method for fluoride ion content in concrete admixtures

JC/T 2837-2024 - Defoamers for concrete and mortar

JC/T 2551-2019 - Concrete super absorbent resin internal curing agent

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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