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ICS 91.100.99
CCS Q 22

JC

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

JC/T 60027-2025

Technical specification for phase change material enhanced floor radiant heating engineering

相变蓄热地暖工程技术规范

(English Translation)

Issued on: April 10, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JC/T 60027-2025 was issued by Ministry of Industry and Information Technology on 10 April 2025 and has been in force since 1 November 2025.

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 27 pages in English translation.

2 Scope Preview

This standard specifies the general principles, terminology, materials, design, construction, and acceptance of phase change thermal storage underfloor heating engineering. This document applies to the design, construction, and quality acceptance of phase change

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thermal storage underfloor heating projects in newly built, renovated, and expanded civil buildings, as well as in the renovation of existing buildings.

JC/T 60027-2025 falls under ICS 91.100.99, 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 27 pages

Chinese original: about 41,415 characters

4 Related standards

Standards on related subjects:

GB/T 11982.1-2015 - Polyvinyl chloride floor coverings - Part 1: Heterogeneous polyvinyl chloride floor coverings

JC/T 1026-2007 - Glass fiber reinforced thermosetting resin grating for supporting loads

JC/T 2339-2024 - Phase change energy storage materials and components for floor heating

JC/T 2597-2021 - Terms and definitions of resilient flooring for building decoration

JC/T 2596-2021 - Classification of Resilient Flooring for Building Decoration

5 Classification and status

International classification (ICS): 91.100.99

Chinese Standard Classification (CCS): Q 22

Prefix JC/T: recommended standard.

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