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ICS 91.100.25
CCS Q31

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 3810.4-2016

Test methods of ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength

陶瓷砖试验方法 第4部分：断裂模数和破坏强度的测定

(English Translation)

Issued on: July 2, 2026 **Implemented on: February 1, 2027**

Issued by: State Administration for Market Regulation, Standardization Administration of China

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https://chinastandards.org/standards/gb-t-3810-4-2016

1 Foreword

GB/T 3810.4-2016 was issued by State Administration for Market Regulation, Standardization Administration of China on 2 July 2026 and has been in force since 1 February 2027.

It is one of 25 parts of the GB/T 3810 series.

2 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, Standardization Administration of China

English translation: about 7 pages

Chinese original: about 15,199 characters

3 Related standards

Other parts of this standard:

GB/T 3810-1996 - Part 1: Sampling and basis for acceptance

GB/T 3810.1-2016 - Part 1: Sampling and basis for acceptance

GB/T 3810.2-2016 - Part 2: Determination of dimensions and surface quality

GB/T 3810.2-2026 - Part 2: Determination of dimensions and surface quality

GB/T 3810.3-2006 - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density

GB/T 3810.3-2026 - Test method of ceramic tiles - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density

GB/T 3810.5-2016 - Part 5: Determination of impact resistance by measurement of coefficient of restitution

GB/T 3810.6-2016 - Part 6: Determination of resistance to deep abrasion for unglazed tiles

GB/T 3810.7-2016 - Part 7: Determination of resistance to surface abrasion for glazed tiles

GB/T 3810.8-2016 - Part 8: Determination of linear thermal expansion

GB/T 3810.9-2016 - Part 9: Determination of resistance to thermal shock

GB/T 3810.10-2016 - Part 10: Determination of moisture expansion

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GB/T 3810.10-2026 - Part 10: Determination of moisture expansion

GB/T 3810.11-2016 - The methods of ceramic tiles -- Part 11: Determination of crazing resistance for glazed tiles

GB/T 3810.12-2016 - Part 12: Determination of frost resistance

GB/T 3810.13-2016 - Part 13: Determination of chemical resistance

GB/T 3810.13-2026 - Part 13: Determination of chemical resistance

GB/T 3810.14-2016 - Part 14: Determination of resistance to stains

GB/T 3810.14-2026 - Part 14: Determination of resistance to stains

GB/T 3810.15-2016 - Part 15: Determination of lead and cadmium given off by tiles

GB/T 3810.15-2026 - Part 15: Determination of lead and cadmium given off by tiles

GB/T 3810.16-2016 - Part 16: Determination of small colour differences

GB/T 3810.18-2025 - Test method of ceramic tiles - Part 18: Determination of light reflectance value (LRV)

GB/T 3810.20-2025 - Test method of ceramic tiles - Part 20: Determination of deflection of ceramic tiles for calculating their radius of curvature

Other editions:

GB/T 3810.4-2026 (later edition)

4 Classification and status

International classification (ICS): 91.100.25

Chinese Standard Classification (CCS): Q 31

Prefix GB/T: recommended standard.

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