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ASTM C1609 / C1609M - 06 Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)

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Abbreviation

ASTM C1609 / C1609M - 06

Valid from

15/12/2006

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF

Cited By

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Description

This test method evaluates the flexural performance of fiber-reinforced concrete using parameters derived from the load-deflection curve obtained by testing a simply supported beam under third-point loading using a closed-loop, servo-controlled testing system.

It provides for the determination of first-peak and peak loads and the corresponding stresses calculated by inserting them in the formula for modulus of rupture.

This test method utilizes two preferred specimen sizes of 100 by 100 by 350 mm (4 by 4 by 14 in.) tested on a 300 mm (12 in.) span, or 150 by 150 by 500 mm (6 by 6 by 20 in.) tested on a 450 mm (18 in.) span. A specimen size different from the two preferred specimen sizes is permissible.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard is referenced by AS/NZS 1546.1:2008 in regard to septic tanks.

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ASTM C1609 / C1609M - 06 is cited by AS/NZS 1546.1:2008 On-site domestic wastewater treatment units: Septic tanks

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