

IN THE NEWS

Proposed ASTM standard to aid in measuring strength of fiber-reinforced concrete

ASTM International’s Committee C09 on Concrete and Concrete Aggregates is developing a proposed standard that will be used to help measure the tensile strength of fiber-reinforced concrete.

ASTM International member Luke Pinkerton says that the use of fiber reinforcement as an alternative to conventional reinforcement of various concrete structures has been

limited in the construction industry. The proposed standard, WK60666, will give the engineering community the data and confidence needed to evaluate performance of fibers.

This effort directly relates to the United Nations Sustainable Development Goal 9 on industry, innovation, and infrastructure.

“Typically, tensile capacity of concrete is ignored when designed with reinforced concrete,” Pinkerton says. “Being able to measure tension accurately would give engineers the confidence to use the tensile strength rather than ignore it. Concrete with fiber reinforcement is stronger, less brittle, more durable, and resilient.”

—Source: ASTM International

INDUSTRY CALENDAR

Event details are subject to change.

ACI Concrete Convention Hilton San Francisco Union Square, San Francisco, Calif.	April 2-6, 2023
PTI Convention Miami, Fla.	April 30-May 3, 2023
AASHTO Spring Meeting Hyatt Regency Seattle, Seattle, Wash.	May 15-18, 2023
SEI Structures Congress New Orleans, La.	May 26, 2023
fib Symposium 2023 Istanbul, Turkey	June 5-7, 2023
SynerCrete '23 Milos Island, Greece	June 15-16, 2023
fib International Symposium on Conceptual Design of Concrete Structures Oslo, Norway	June 29-July 1, 2023
BEI-2023 “Sustainability in Bridge Engineering” Roma Eventi-Fontana di Fontana Trevi, Rome, Italy	July 17-20, 2023
CACRCS 2023 Parma, Italy	September 12-15, 2023
Greenbuild Walter E. Washington Convention Center, Washington, D.C.	September 26-29, 2023
PTI 2023 Committee Days Cancun, Mexico	October 3-6, 2023
ACI Concrete Convention Boston Convention Center and Westin Boston Waterfront, Boston, Mass.	October 29- November 2, 2023

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