



Structural-repair excellence: Leveraging grouts and fiber-reinforced polymers

Wednesday, August 7, 2024 / 1 p.m. EDT

As structural engineers face the ongoing challenge of maintaining and restoring aging infrastructure, understanding the latest materials and techniques is essential for ensuring the longevity and safety of these structures.

This Webinar will begin with an in-depth look at advanced grouts, including construction and post-tensioning varieties. We will also cover the unique properties of fiber-reinforced polymers (FRPs), their versatility in strengthening and rehabilitating concrete elements, and practical application techniques. Participants will have a comprehensive understanding of how advanced grouts and FRPs can be strategically employed to address common and complex issues in concrete repair.

Learning objectives:

- Gain in-depth knowledge about advanced grouts that are used in construction and post-tensioning.
- Comprehend the unique properties of FRPs and their role in concrete rehabilitation.
- Understand how to strategically use advanced grouts and FRPs to solve concrete-repair issues.

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Duration: 60 min.*

* The Webinar will include a question-and-answer period.



Register here:

<https://www.structuremag.org/?p=27562>



About the
presenter

Dr. Ravi Devalapura

Ravi has two master's degrees and a doctoral degree in civil engineering. He has over 27 years of experience working in the buildings and construction industry, with a focus on concrete, composites, building materials, masonry, infrastructure and technology. Ravi has developed several innovative solutions for the construction industry and holds nine U.S. patents.



About the
presenter

Rick Ellingson

Rick's work experience includes 10 years of business development for manufacturers of fiber-reinforced polymer (FRP) systems, structural pile jacketing systems and corrosion-mitigation technologies for concrete structures. He is a licensed professional engineer and a NACE-certified Cathodic Protection Technician (CP2).

