

Post Tensioning

Overview

Post tensioning is a technique used to compress the concrete to increase its tensile strength.

Benefits

Post-tensioned concrete can be paired with Smart Rock™ so you can keep your project moving without having to send tests to the labs and wait for results to return to continue construction.

Technical Specifications

In a parking garage, for example, steel cables are set and tied before the concrete is poured, and once the concrete has gained strength, the cables are tensioned to reduce structural thickness and increase the durability and tensile strength of the structure.

Uses

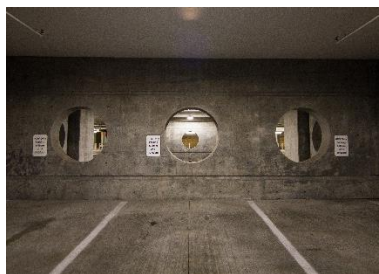
Post tensioning is often used in garages, bridge decks, and podiums.

Hilltop Project Examples

Hilltop Companies has used the post-tensioning technique in projects like The Banks Garages, Martin Luther King & Hopple Street Bridge Decks.



Martin Luther King Bridge



The Banks Garage



Plants

Downtown Cincinnati

511 West Water Street
Cincinnati, OH 45202

Mineola Pike

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