The following ACI documents are, or will soon be, available:

“Performance-Based Fiber-Reinforced Concrete for Slabs-on-Ground and Overlays—Specification (ACI SPEC-544.12-23)”

Reported by ACI Committee 544, Fiber Reinforced Concrete

*Special thanks to these individuals for their contribution to this specification.

Abstract: This specification covers the performance requirements for the use of fiber-reinforced concrete in slabs-on-ground and overlays, and includes provisions for the minimum equivalent flexural residual strength required for the fiber-reinforced concrete. It applies to the use of steel, synthetic, and glass macrofibers used to replace reinforcing steel bars and welded-wire mesh. This specification is intended to supplement the requirements presented in ACI SPEC-301 and not intended to be a standalone specification. The use of microfibers for plastic shrinkage crack-width control is not covered by this specification.

“Concrete Repair—Guide (ACI PRC-546-23)”

Reported by ACI Committee 546, Repair of Concrete

*Deceased.

Abstract: This guide presents recommendations for the selection and application of materials and methods for repairing, protecting, and strengthening concrete structures. An overview of materials and methods is presented as a guide for selecting a particular application. References are provided for obtaining in-depth information on the selected materials or methods.

“Materials Selection for Concrete Repair—Guide (ACI PRC-546-3-23)”

Reported by ACI Committee 546, Repair of Concrete

*Deceased.

Abstract: This document provides guidance on the selection of materials for concrete repair. An overview of the important properties of repair materials is presented as a guide for making an informed selection of the appropriate repair materials for specific applications and service conditions.

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