



## TECHNICAL PRESENTATION

February 8, 2023



### **Interlocking Concrete Pavements for Industrial Heavy-Duty Applications**

Presented by Mr. David Pitre with [Quikrete](#)

**BIO** David Pitre has over 20 years industry experience in manufactured concrete products. He holds a B.A.Sc in Civil Engineering from Louisiana State University and a M.S. in Structural Engineering from the University of New Orleans. He served as the chair of the Board of Trustees for the Interlocking Concrete Pavement Institute

Foundation for Education and Research (ICPIF) from 2016 to 2021. He also serves on numerous industry committees and has authored numerous articles related to engineered concrete solutions. Currently he is Vice President Architectural and Commercial at Quikrete.

**ABSTRACT:** Since 1981, concrete pavers have been used in an increasing number of port and industrial areas in North America. The choice of concrete pavers has been based on cost-competitiveness, maintenance, and the ability to accommodate any container or cargo handling equipment. The design procedure is based upon the principle that interlocking concrete pavements are designed to remain serviceable throughout the design life of the pavement. This presentation will provide an overview of loading conditions, pavement materials, material specifications, overlay applications and construction specifications. It will also touch on structural design, drainage design and surface characteristics.

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