RICK SMITH CONSULTING, LLC
SWEATING SLAB MITIGATION

Rick Smith, FACI, is the Owner of Rick Smith Consulting, LLC, a concrete consulting firm with specialized expertise in sweating slab monitoring and mitigation.

Rick previously served as Vice Chairman, President, and a Senior Consultant for Structural Services, Incorporated (SSI) and is a well-known industry leader concerning slabs-on-ground, suspended slabs and pavements. Rick has developed innovative designs related to the construction, maintenance, repair and polishing of slabs. He has pioneered solutions for mitigating issues with “sweating slabs”, along with developing methods for continuous digital monitoring.

His contributions to the concrete industry were recognized by Concrete Construction magazine and he was selected as one of the most influential people in the concrete industry in 2008. Rick was also selected to be a Fellow of the American Concrete Institute (ACI). He has published articles concerning slabs in Concrete Construction and Concrete International, along with papers for several international concrete and shotcrete symposiums. Rick has been a speaker at the World of Concrete, the ACI Continuing Education Program, the International Colloquium "Industry Floorings" in Esslingen, Germany, and other forums where he has prepared and delivered over 150 educational seminars in the past 20 years. He has presented other seminars on a wide range of topics domestically and internationally on five continents. His seminar topics include the construction, maintenance and repair of industrial slabs, sweating slab syndrome, integral-colored slabs, ground, dyed, polished concrete floor systems and fiber reinforced concrete.

Rick graduated from Oklahoma State University in 1987 with a Bachelor of Science degree in Construction Management Technology. He has over 35 years of experience in the design, materials, construction, and evaluation of high-performance concrete floors and pavements. Prior to joining SSI in 2000, Rick was Engineering Services Manager for Novocon/Propex, leaders in steel and polymer fiber manufacturing. His fiber career focused on the advancement of fiber reinforced concrete in numerous applications, including industrial floor slabs, bonded and un-bonded overlays, suspended slab construction, pavements, bridge deck overlays, impact and blast resistant concrete, fiber reinforced shotcrete for tunnels, rock and ground support, precast products and various other fiber applications. During his tenure in the fiber business, Rick oversaw multiple R & D programs at many of the top concrete research universities and independent test laboratories in the world.

Rick is a current member and past chair of ACI Committee 302 Construction of Concrete Floors and a member of ACI Committee 360 Design of Slabs-on-Ground. Rick is also a member of the American Society for Testing and Materials (ASTM).

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