



CONCRETE

SIKA SOLUTIONS FOR COMMERCIAL CONSTRUCTION APPLICATIONS

- Partial or Full Replacement of Conventional Reinforcement
- Increased Segregation Resistance and Workability Retention to Allow Placement
- Reduced Construction Costs and Schedule
- Easy to Apply Waterstop for Moving & Non-Moving Joints
- Membrane Compatibility with Green Concrete

BUILDING TRUST



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Sika has over 100 years of experience developing and producing a wide range of quality systems that waterproof, protect, seal, bond, strengthen, reinforce and repair every aspect of your project. We provide high performance and fully compatible products for use on building and infrastructure projects worldwide. The need for improved project delivery and cost efficiency continues to increase. With this in mind, Sika has The Concrete Essentials, representing a complete suite of products ideally suited for all project applications, in this case commercial applications, that create numerous synergies and benefits for the designer, contractor, and owner alike. High quality concrete alone is not enough to produce durable, long lasting infrastructure - when combined with appropriate admixture technologies, joint waterstops, proper curing and sealing/protection can this be made possible. With Sika Solutions, your next Commercial Construction Project will be able to meet or exceed your project's demanding performance and environmental service requirements while improving project delivery and schedule.



PACKAGE COMPONENTS:



SET CONTROL:

- Retarders (*Plastiment® Series*), Hydration Controllers (*Sikatard® 440*), and Accelerators (*SikaSet®/ Sika® Rapid-1 / Plastocrete® Series*) are available
- Allows Stabilization of Concrete Set Time Without Negative Effects on Concrete Durability
- Useful in Pours with Extended Pump Length, Cold Joints, or Extended Delivery Time are of Concern
- Dosage is Predictable and Consistent - Traditional Retarding Admixtures Lose Reliability in High Doses



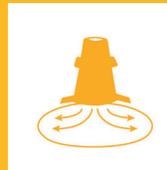
VISCOSITY MODIFIERS:

- Improve Stability and Segregation Resistance Without Reduction of Slump or Flow with *Sika® Stabilizer-4R*
- Improved Surface Quality & Overall Aesthetics
- Air Voids are Stabilized and More Consistent
- Improve Plastic Properties in Low & High Slump Conventional Mixes and SCC
- Improved Pumpability



SHRINKAGE CONTROL SYSTEMS:

- Full Line of Admixtures (*Sika® Control Series*) & Macro/Micro Concrete Fibers (*SikaFiber®/ Force*)
- Reduced Cracking Due To Drying, Settlement & Autogenous Shrinkage with *Sika® Control-NS*
- Replacement of Traditional Reinforcement Systems
- Increased Joint Spacing
- Reduced Joint Maintenance Costs
- Improved Impermeability & Concrete Durability



HIGH SLUMP & SELF-CONSOLIDATING CONCRETE:

- Create Flowable, Non-Segregating Concrete that can Spread Without Mechanical Consolidation with *ViscoCrete® High Range Water Reducers*
- Casting Heavily Reinforced, Inaccessible and Complicated Shapes
- Improve Health & Safety, Reduce Noise, and Increase Economics While Minimizing Manpower



SIKA® WATERPROOFING MEMBRANES:

- Membranes Available for Above & Below Grade Applications
- Durable and Highly Puncture Resistant
- Pre/Post Applied Waterproofing Systems (*SikaBit®, SikaProof®, Sikaplan®*)
- Sika® Greenstreak® Waterstop for Moving and Non-Moving Joints



SCOFIELD® SYSTEMS FOR COLOR & AESTHETICS:

- Granular, Powder, & Liquid *Chromix®* Integral Color Systems
- *Lithochrome®* Dry Shake Hardeners
- Full Line of Concrete Curing & Sealing Compounds
- Create Patterns & Textures with Architectural Formliners, Stamping Tools, and Stains

FOR MORE Sika® CONCRETE ESSENTIALS INFORMATION:

usa.sika.com/7essentials



For up to date and accurate information please consult the current Product Data Sheet at usa.sika.com

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