



# CONCRETE

## SIKA SOLUTIONS FOR WATER & WASTEWATER TREATMENT APPLICATIONS

- Integral Waterproofing Solutions for Water Containment
- Waterproof Jointing Between Slab Edges and Walls
- Sealing and Coating for Chemical Exposure
- Partial or Full Replacement of Conventional Reinforcement
- NSF/ANSI 61 Solutions for Drinking Water Applications



**BUILDING TRUST**



# CONCRETE SOLUTIONS FOR WATER & WASTEWATER TREATMENT APPLICATIONS

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 water/wastewater treatment 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 Water/Wastewater Treatment Project will be able to meet or exceed your project's demanding performance and environmental service requirements.



## PACKAGE COMPONENTS:



### INTEGRAL WATERPROOFING PRODUCTS:

- Crystalline (*WT Series*) & Hydrophobic Pore Blocking Technologies (*Watertight Concrete Powder*) are available
- Reduces Permeability of Concrete, Leaching, and Water Absorption
- Meets ASTM C494 Type S and is NSF/ANSI 61 Certified
- Optimization of Concrete Crack Healing Ability



### SIKA® GREENSTREAK® WATERSTOPS:

- Variety of Application Methods Available, Including: *PVC*, *Westec Chem. Resistant*, *Dilatec Surface Applied*, *Lockstop Strip Applied*, *Hydrophilic (Swelling)* and *Sika® Fuko® Injectable Waterstops*
- Many Options Meeting NSF/ANSI 61 Approval
- Solutions Available for Moving and Non-Moving Joints



### 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



### SIKA® ULTRACURE™ SERIES:

- Long Term Curing Blanket with curing up to 14 Days
- Meets ASTM C171-16 (AASHTO M171) Requirements
- Improved Concrete Freeze / Thaw Resistance
- Increased Concrete Strength & Durability
- Helps Prevent Plastic & Drying Shrinkage Cracking
- Reduced Labor Costs



### 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



### CHEMICAL RESISTANT COATINGS & SEALANTS:

- Protection of Tanks, Machine Bases, Plant Floors and Walls Exposed to Aggressive Chemicals with *SikaGard® Duochem Coatings* and *Polyurethane or Polysulfide Sealants*
- Products Available for Horizontal & Vertical Applications
- Effective Under Constant Immersion or Saturation Conditions (When Primed Properly)

FOR MORE Sika® CONCRETE ESSENTIALS INFORMATION:

[usa.sika.com/7essentials](http://usa.sika.com/7essentials)



For up to date and accurate information please consult the current Product Data Sheet at [usa.sika.com](http://usa.sika.com)

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