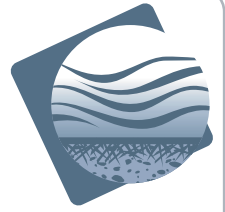




At the Lab. In the Field.  
By Your Side.

## PRECAST WATER AND SEPTIC TANKS

SPS SEPTIC, ATLANTA, GEORGIA, USA



CONCRETE  
WATERPROOFING

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QUESTIONS: 1-800-267-8280 or [www.kryton.com](http://www.kryton.com)

### BACKGROUND

SPS Septic Precast Specialties Inc. is a precast company specializing in septic tanks, grease traps, dosing tanks and pump tanks for the commercial and residential markets in Atlanta, GA. SPS is a progressive company that understands the need for improved environmental performance. SPS began testing of Krystol™ Concrete Waterproofing Systems in July 2002.

Tanks are built in sizes ranging from 1,000 to 3,000 gallons for a multitude of purposes. Waterproof tanks are in high demand, with many customers wanting to get away from traditional tar applications. SPS recognized a shift in Health Department specifications requiring protection from septic leaching as well as ground water seepage into tanks causing excessive pump wear.

### SOLUTION

In October 2002 SPS began performing crack testing of KIM's self-sealing characteristics under the observation of the Georgia Department of Human Resources, Division of Public Health, Environmental Health & Injury Control Branch. A crack was intentionally placed in the septic tank full of water using a sledgehammer. An over-zealous whack actually caused a chunk of concrete to fall off and the water was "running freely" out of the crack.

Within days the flow had reduced dramatically, by the 2nd week, it was just a wet area and by the 4th week the crack has sealed completely. Other smaller cracks more resembling settlement cracks sealed up within a few days. Subsequently, the state department has written a letter of approval for KIM™ use in these tanks.

***"We were surprised that the large crack sealed up at all, but in 28 days it had completely sealed!"***

The Kryton Group of Companies.

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***"The KIM system is easy to use, requires very little labor and we are responding to municipal requirements that won't allow tar based systems to be put below ground."***

David Valles, Plant Manager.



### PRODUCT

Krystol™ Internal Membrane, (KIM™) for precast concrete applications

### LOCATION

Atlanta, GA, USA

### OWNER

SPS Septic Precast Specialties Inc.

Owner: John Rivera

Plant Manager: David Valles

### DISTRIBUTOR

The Crystal Group, LLC

PROJECT CASE STUDY