



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

# BUCKHEAD PRIVATE RESIDENCE

GEORGIA, USA



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CONCRETE  
WATERPROOFING

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

## BACKGROUND

Even before they began building, the owners of this high-end home in Georgia's Buckhead area knew they had a waterproofing challenge on their hands. Situated 10 feet below grade, the home's basement sits on the side of a hill, where it is subjected to significant hydrostatic pressure. Knowing that the property's previous owners had experienced similar problems, the homeowners needed a reliable, long-lasting waterproofing solution to protect their deluxe finished basement and wine cellar.



**Spec 3i replaces traditional Waterstops saving time and money!**

## Spec 3i is easy and quick to place



## SOLUTION

This home was built using Kryton's Krystol™ Internal Membrane (KIM™) admixture and the Krystol™ Waterstop System - Specification 3i to protect the construction joints from water intrusion.

Specification 3i uses two Krystol™-based products, Krystol™ Waterstop Treatment and Krystol™ Waterstop Grout. A 5 cm wide by 3 cm high triangle-shaped strip of Krystol™ Waterstop Grout is created along the edge of a horizontal concrete slab where a new vertical wall is to be poured. Once the grout has cured, Krystol™ Waterstop Treatment is applied and the concrete wall can be poured as normal.

Spec 3i saves construction time and costs by reducing the need for skilled trades. Although the concrete contractor had not used the system previously, they grasped the concept right away and within a few hours, two employees had prepared more than 260 ft. using Spec 3i.

Using Spec 3i in place of a conventional membrane system saved the homeowners more than \$2 per linear foot. Perhaps more important than the cost savings, however, is the peace of mind they get from knowing that this waterproofing will last the lifetime of their home.

## LOCATION

Private Residence, Buckhead, Georgia

## CONCRETE SUPPLIER

Thomas Concrete

## DISTRIBUTOR/CONTRACTOR

Aquablock, Inc.

## The Kryton Group of Companies.

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PROJECT CASE STUDY