



**T E C H N I C A L  
T E S T I N G**

<b>Research and Engineering Reports</b>	<b>Performed By</b>	<b>Principle Investigator</b>	<b>Date</b>
Use of Lightweight Synthetic Particles to Produce Concrete with Reduced Unit Weight (study on Bond and Shear)	North Carolina State University	Dr. Sami Rizkalla Dr. Paul Zia	January 2010
Product MasterSpec® Specification for Elemix® Additive in Concrete	ARCOM Product MasterSpec®	ARCOM	October 2009
Analysis and Interpretation of Creep Test Data	CTL Group	Matthew D'Ambrosia	June 15, 2009
Composite Beam Design for NWA Floor Assembly with Elemix® XE Concrete Additive (UL® D974 & ULC F915)	Hughes Associates, Inc.	Nestor Iwankiw	June 11, 2009
Acceptance Criteria Testing (ICC-ES ACC-408) for Elemix® XE Concrete Additive	CTL Group	Matthew D'Ambrosia	May 1, 2009
Elemix® Concrete Additive Case Study: Office Building 607 8th Avenue SW, Calgary, AB	Stantec Consulting Ltd.	Dongyun Zhao	February 11, 2009
Summary of UL Fire Test & Results on NWC Floor Assembly with Elemix® Concrete Additive	Hughes Associates, Inc.	Nestor Iwankiw	January 19, 2009
Performance Comparison of Concrete Made Using Re grind Materials versus Elemix® Concrete Additive	University of Miami	Dr. Ronald Zollo Dr. Carol Hays	October 30, 2008
Fire Performance of Concrete Containing EPS Admixture (modified "small scale" tests of ASTM E119)	Hughes Associates, Inc.	Jesse Beitel	May 29, 2007

(continued)



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Fire Resistance: Precast and Ready-Mix Concrete w/ and w/o NOVA EPS (modified “small scale” tests of ASTM E119)

Intertek ETL SEMKO

Javier Trevino  
Mike Dey

March 26, 2007

## Opinion Letters / Recommendations

Expanded Polystyrene Lightweight Concrete Evaluation versus ACI318-05 Code

Kenneth B. Bondy,  
Consulting Structural  
Engineer

Kenneth B. Bondy

February 27, 2007

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