
DATE: March 26, 2008	Material Testing • Non-Destructive Testing Product Evaluation • Construction Materials
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PROJECT: PERFORMANCE EVALUATION SYNTHETIC FIBERS	PROJECT NO.: 307010.1L PAGE: 1 of 1

TESTING OF CONCRETE WITH SYNTHETIC FIBERS

INTRODUCTION:

This report presents the results of our laboratory testing work conducted on samples of concrete containing NyconG Fiber (1.0 lb/yd³ dosage rate). Our work was requested and authorized by Mr. Bob Cruso of Nycon on January 4 and 11, 2008, respectively. The scope of our testing work was as follows:

1. Perform laboratory batching of concrete with and without fibers according to Section 4.0 of ICC-ES Acceptance Criteria for Concrete with Synthetic Fibers (AC32) for
A. Plastic Shrinkage Cracking
2. Prepare a written report stating the results of the areas tested in accordance with AC32.

SUMMARY OF TEST RESULTS:

The following is a summary of the test results:

<u>Test</u>	<u>% of Control</u>	<u>ICC Criteria</u>
Plastic Shrinkage Cracking	52.6% (reduction)	Min. 40%


CONCLUSIONS:


Based on these test results, the NyconG Fibers, at a dosage rate of 0.59 kg/m³ (1.0 lbs/yd³), does meet the ICC-ES Acceptance Criteria for Concrete with Synthetic Fibers (AC32) Section 4.5.

REMARKS:

The samples were discarded at the completion of testing. If you have any questions concerning this report, or if we may be of further assistance, please contact me at (651) 659-7399.

STORK TWIN CITY TESTING CORPORATION


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