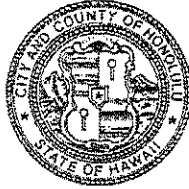


DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041
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MUFI HANNEMANN
MAYOR



DAVID K. TANOUÉ
DIRECTOR

ROBERT M. SUMITOMO
DEPUTY DIRECTOR

December 1, 2009

2009/ELOG-1300 (df)

Mr. James "Kimo" Scott, President
OK Hardware and Construction Supply, Inc.
94-200 Pupuole Street, Unit #1
Waipahu, Hawaii 96797

Dear Mr. Scott:

Subject: Synthetic Structural Fibers (Forta-Ferro)

This is in response to your May 28, 2009 letter requesting our approval of the use of synthetic structural fibers (Forte-Ferro) in lieu of welded wire fabric and rebar for use in sidewalks, driveways, slabs-on-grade and toppings. We apologize for the delayed response.

Based on the information and product literature you provided, we will allow Forta-Ferro synthetic structural fibers (the "fibers") to be used at a rate of five pounds per cubic yard of concrete in lieu of welded wire fabric for the construction of concrete driveways within City-owned/maintained right-of-ways. Further, the product may be used at the dosage previously stated for the construction of concrete sidewalks within City-owned/maintained right-of-ways.

The fibers shall comply with ASTM C 1116-03, Type III, and shall be added directly to the concrete mixing system either during or after the batching of the other ingredients and mixed at the duration and speed recommended by the mixer manufacturer.

Please be advised that concrete that: a) is found to have fibers that are not uniformly consolidated either at the time of placement or after placement, or b) is improperly finished such that fibers are exposed at the surface, shall be removed and/or replaced at the Contractor's expense.


The placing, finishing, jointing, curing, and protection of the concrete shall conform to the requirements specified in the Standard Specifications for Public Works Construction, September 1986 and Engineering and Policy Memorandum No. CEB-1-09.

Mr. James "Kimo" Scott, President
December 1, 2009
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Our Department reserves the right to rescind this letter should this product fail to meet the claims represented by both you and Forta Corporation.

If there are any questions, please contact Mr. Don Fujii of the Site Development Division at 768-8107.

Very truly yours,


for David K. Tanoue, Director
Department of Planning and Permitting

DKT:ky
[711729]

cc: Department of Design and Construction
Department of Facility Maintenance
Civil Engineering Branch - PIS
Customer Service Office
ACECH
CCPI