Dear Sir / Madam

USE OF GRANITE FINES AS SUBSTITUTE FOR NATURAL SAND IN CONCRETE

Objective
This circular aims to remind the industry to adopt the use of granite fines as substitute for natural sand in concrete.

Background
2 In Dec 2007, BCA issued a circular allowing 100% replacement of natural sand with granite fines in concrete, of which the quality and grading shall be in accordance with SS EN 12620. Granite fines have been successfully used in Singapore for numerous building projects of various nature and test results showed that such concrete mix is able to achieve the desired workability and strength.

3 The use of granite fines is a more sustainable way forward. BCA is working with major Government Procurement Entities (GPEs) and ready-mixed concrete producers to adopt a higher substitution of natural sand with granite fines. The Institution of Engineers, Singapore (IES) and Association of Consulting Engineers Singapore (ACES) are also supportive of this effort.

For Clarification
4 We would appreciate it if you could bring to the attention of your members the content of this circular. Should you need any clarification, please submit your enquiry through BCA’s Online Feedback Form at https://www.bca.gov.sg/feedbackform/ or call us at 1800 342 5222.

Yours faithfully

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