

Test Certificate
Compressive Stress of Pavement Tiles
(In-house Method)Date of issue : 14-12-2009
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Castco LRN : SN0091212-17-MISCEL

Details as supplied by client

Client : Drago Verde Trading Limited

Client's ref. no.: --

Contract no. : --

Job title : The Church of Jesus Christ of Latter Day - Saints Kowloon Tong Legacy Church Project

Sample No. : 1

Sample nominal size : 230mm x 115mm x 80mm

Description of tile test specimen : Jianling Green Harmony Paver

Age : 28 days

Maximum vehicle weight to be supported by tiles : 30 Tonnes

Laboratory Test Results:-

Date Received : 10-12-2009

Date tested: 12-12-2009

Specimen No.	Test Load Applied on Wheel P (kN)	Contact Area (mm ²)	Compressive Stress (N/mm ²)	Test Result
1	50.00	79168	0.632	The test specimen satisfactorily supported the wheel load of a 30-tonne vehicle without any visible sign of failure as shown in photo 11B.

- Remarks :
1. Test results relate only to the specimen tested.
 2. Unless otherwise specified, test load applied on wheel is derived on the assumption that the vehicle's weight is distributed on 2 front wheels and 4 rear wheels. The front wheels support 1/3 of the weight and the rear wheels support the remainder weight.
 3. The static compressive stress is estimated from the contact area as measured.

Checked by :



P. Tsui

Certified by :



LEE WAI KWOK
B.Sc., C. Eng., MICE, MUKES
Registered Professional Engineer
Executive Director

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