

12 December 2012

Attention: Glenys Youngson  
Tile Warehouse Limited  
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Job No.1-L0123.90  
File Ref: 001/12  
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## Load Test – Belgium Black GP008 Tiles supported on Deck Jacks

### Client:

Tile Warehouse Limited  
Attention: Glenys Youngson

### Client Instructions:

To measure the point load capacity of the tiles submitted when supported on Deck Jacks.  
The tiles were supplied by Tile Warehouse Limited.

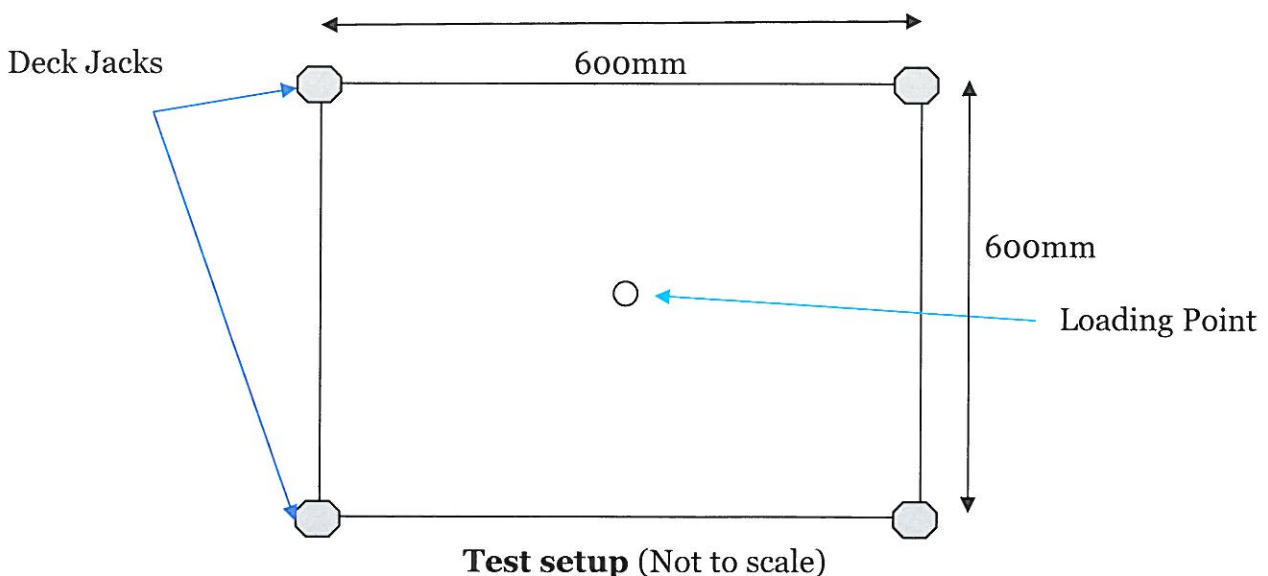
### Test Method:

The tiles were tested using a Shimadzu REH100TV Universal testing machine complying with Grade 1.0 of International Standard EN ISO 7500-1:1999 Part 1 as follows.

The tile under test, supported on Deck Jacks as shown in drawing below, was placed between the platens of the testing machine.

The load was then applied to the tile using a loading jig with a 20mm diameter rounded tip. The centre of the loading point was at the mid-point of the tile as shown below.

The pedestals were set up on the four corners of the tiles for all tests.  
The load was then applied until failure of the tile occurred.



**Findings:**


The tiles tested were Belgium Black GP008 600 x 600 x 20mm thick

Testing carried out 12<sup>th</sup> December 2012

**Tabulated results**

Tile Size (mm)	Applied Load	
	Newtons	Kilograms
600 x 600	5300	540
	4700	479
	5300	540
<i>Average</i>	<i>5100</i>	<i>520</i>

**Tested:** J Charlwood   
Senior Technician

**Checked:** R Carlyle   
Senior Technician

**Date:** 12/12/12