

Test Report No. 7191153370-MEC16-SL
dated 21 DEC 2016



PSB Singapore

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SUBJECT:

Compressive load test of grating submitted by Jonite Private Limited.

TESTED FOR:

Jonite Private Limited
5 Upper Aljunied Link
#01-01
Quartz Industrial Building
Singapore 367903

Attn : Mr. Lexter Chen

SAMPLE DESCRIPTION:

One piece of 500 mm (L) x 355 mm (W) x 75 mm (T), claimed to be "JONITE grating" were received for the testing. Photo 1, shows the sample as submitted

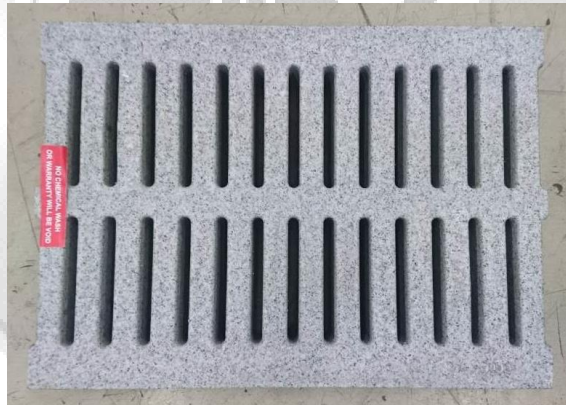


Photo. 1 : Load test sample



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TEST METHOD:

BS EN 1433 : 2002 Drainage channels for vehicular and pedestrian areas —Classification, design and testing requirements, marking and evaluation of conformity

Sample size: 500 mm (L) x 355 mm (W) x 75 mm (T)
Number of determination: 1

TEST DATE:

17th December 2016

TEST RESULTS:

| Sample Reference | 500 mm (L) x 355 mm (W) x 75 mm (T) "Jonite grating" | BSEN 1433 : requirement |
|--|---|----------------------------|
| Class | D400 | - |
| Clear opening, CO (mm) | 295 | - |
| Test load (kN) | 400 | - |
| Test block (mm) | Ø250 | - |
| Permanent set at 2/3 of test load, (mm) | 0.05 | Max 0.59 |
| Loaded to test load of 400kN for 30s | No visible crack observed | Shall not show failure |

Sean Loh
Associate Engineer

Oh Heng Hwa
Executive Engineer
Industrial Group
Mechanical Centre



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July 2011

