



**SIRIM QAS International Sdn. Bhd.**  
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### TEST REPORT

REPORT NO : 2020CB0204

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#### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : MEG MANUFACTURING SDN. BHD.  
No.2, Jalan IM 3/6, Kawasan Perindustrian IM 3,  
Bandar Indera Mahkota,  
25200 Kuantan, Pahang, Malaysia.

Manufacturer : MEG MANUFACTURING SDN. BHD.

Product : Tesonshield HR 1-P Polymer-Modified Waterproofing & Heat Reflective Membrane - White

Reference Standard / Method of Test : ASTM C1371 - 15  
Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers

Description of sample / Description of Test Specimen : Three pieces of Tesonshield HR 1-P Polymer-Modified Waterproofing & Heat Reflective Membrane – White were received for testing. The samples were coated on galvanised metal.

Brand : TESON  
Model : TW-111-HR

Date Received of Complete Application : 09 March 2020

Job No. : J20201430174

Description of Test Results / Overall Test Result : The test results of the submitted test samples are described in page 2 of this test report.

Issued Date : 13 March 2020

Approved Signatories;

(MUHAMMAD HAZMIE BIN OTHMAN)  
Testing Executive



(RA ANOR SIHA BINTI RAJA ABDUL HANAN)  
Head  
Civil & Construction Section  
Testing Services Department

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### Test Result

Sample Reference	Emissivity ( $\epsilon$ )
Product : Tesonshield HR 1-P Polymer-Modified Waterproofing & Heat Reflective Membrane – White Brand : TESON Model : TW-111-HR	Average of 3 samples = 0.87

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7. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International may disclose the information pertaining to the Test Report for purposes of such investigation.
8. Further or in the alternative, it is strictly forbidden unless with prior written approval from the Chief Executive Officer of SIRIM QAS International, to represent in any manner whatsoever that SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries has endorsed, approved or validated the Product of the Applicant in any manner whatsoever.
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  - a) Informing and placing a notice in the media;
  - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
  - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
  - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
  - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
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11. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
  - a) Changes in details of the Applicant name and/or address;
  - b) Changes in details of the Manufacturer's name and/or address;
  - c) Changes in details of the Factory location name and/or address;
  - d) Changes in details of the model and/or type designation
12. However, issuance of Supplementary Report due to the following reasons are FOC :
  - a) Misprints and typo errors;
  - b) Missing technical information as agreed in PP1 form;
  - c) Test data not reported;
  - d) Mistake in reporting of test data
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