

## TEST REPORT

REPORT NO.: 2018FE0542	PAGE : 1 OF 4
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### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant/ Manufacturer : **CSC STEEL SDN. BHD.**  
180, Kawasan Industri Ayer Keroh,  
75450 Ayer Keroh,  
Melaka.  
(Attn: Ms. Cheng Le Shi / Mr. Choong Zin Hao)

Product : **PRE- PAINTED GALVANIZED STEEL SHEET**

Reference Standard/ Method of Test : BS 476: Part 6: 1989+A1:2009  
Fire Test on Building Materials and Structures  
Part 6: Method of Test for Fire Propagation for Products.

Description of Test Specimen : 6 pieces of Pre-Painted Galvanized Steel Sheet.  
Size of Specimen : 225mm x 225mm x 0.47mm (measured thickness)  
Brand : realcolor®  
Nominal Thickness : 0.42 mm  
Measured Density : 7517 kg/m<sup>3</sup>

The specimens were tested with the face side exposed to the specified heating condition of the fire test.


Date Received : 19.07.2018

Job No./ Ref No. : J20181440449 /SQAS/FPS/15/1-5

Test Result	<b>Subindex i1</b>	<b>Subindex i2</b>	<b>Subindex i3</b>	<b>Fire Propagation Index (I)</b>
	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Issued Date : 30 August 2018

Approved Signatory



(MUHAMMAD SAFUAN MUSA)  
Testing Executive




(AZMI MUSA)  
HEAD  
Fire Protection Section  
Testing Services Department

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**Product** : PRE-PAINTED GALVANIZED STEEL SHEET **Nominal Thickness** : 0.42 mm  
**Brand** : realcolor® **Measured Thickness** : 0.47 mm  
**Date of Test** : 24.08.2018 **Measured Density** : 7517 kg/m<sup>3</sup>

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	12	9	8	9	9
1.0	16	12	13	14	13
1.5	20	16	16	17	16
2.0	23	19	19	20	19
2.5	27	23	22	24	23
3.0	31	27	26	29	27
4.0	66	52	53	55	53
5.0	101	80	80	84	81
6.0	124	102	103	107	104
7.0	144	120	118	120	119
8.0	161	134	134	139	135
9.0	175	146	146	147	146
10.0	186	156	156	160	157
12.0	204	172	172	175	173
14.0	218	183	182	186	183
16.0	227	189	189	191	190
18.0	234	193	194	197	195
20.0	239	200	200	204	201
Subindex 1		0.0	0.0	0.0	0.0
Subindex 2		0.0	0.0	0.0	0.0
Subindex 3		0.0	0.0	0.0	0.0
Index of Performance		0.0	0.0	0.0	0.0



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Date of Test : 24.08.2018

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **0.0** for the Pre-Painted Galvanized Steel Sheet with measured density of 7517 kg/m<sup>3</sup> and measured thickness 0.47 mm.

**The Subindex i1 is 0.0**

**The Subindex i2 is 0.0**

**The Subindex i3 is 0.0**

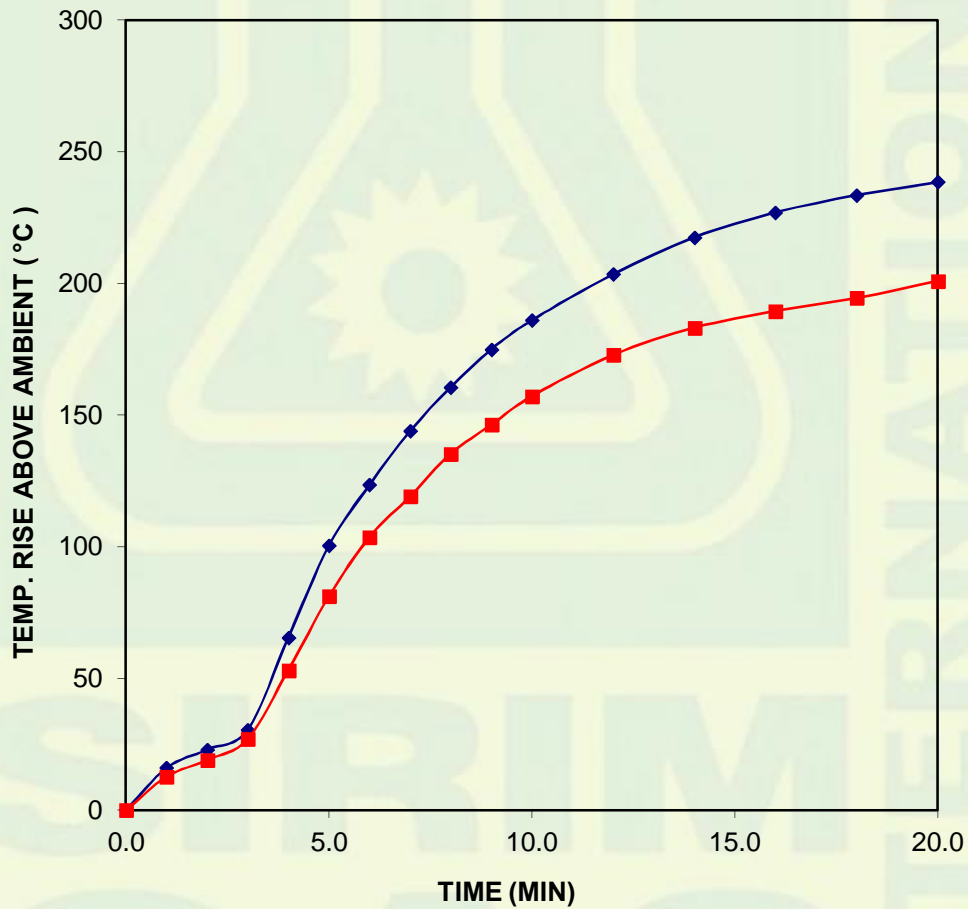
The test results relate only to the behavior of the test specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



A handwritten signature in blue ink, appearing to be a stylized name, located to the right of the circular stamp.

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**Product** : PRE-PAINTED GALVANIZED STEEL SHEET      **Nominal Thickness** : 0.42 mm  
**Brand** : realcolor®      **Measured Thickness** : 0.47 mm  
**Date of Test** : 24.08.2018      **Measured Density** : 7517 kg/m<sup>3</sup>





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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.
10. Certified true copies of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee.
11. Corrections to test report shall only be allowed within 6 months from issuance date of the test report and shall be limited to maximum 3 times, after either case whichever occurs earlier, a new test report shall be issued and replace the previous one (having error(s) or lack of information). Issuance of Supplementary Report to the original Test Report shall be for the followings;
  - a) Misprints and typo errors
  - b) Missing technical information
  - c) Test data not reported
  - d) Mistake in reporting of test data