

TEST REPORT

REPORT NO.: 2014FE0328

PAGE 1 OF 4

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director of SIRIM QAS International Sdn. Bhd. Please refer overleaf for conditions to the use of Test Report.

Applicant/ Manufacturer : **CSC STEEL SDN. BHD.**
 180, Kawasan Industri Ayer Keroh,
 75450 Ayer Keroh,
 Melaka.
 (Attn: Ms. Yu Chee Yee)

Product : **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 : 3 pieces of Galvanized Steel Sheet.
 Size of Specimen : 225mm x 225mm x 1.60mm (measured thickness)
 Brand : realzinc™
 Model : 1.60mm
 Measured Density : 7690 kg/m³

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

Date Received : 05.06.2014
 Date of Test : 10.07.2014
 Job No./ Ref No. : J20141440294 /SQAS/FPS/15/1-5

Test Result	Subindex i1	Subindex i2	Subindex i3	Fire Propagation Index (I)
	0.5	0.0	0.0	0.5

Issued Date : **21 JUL 2014**

Approved Signatories :


 MUHAMMAD SAFUAN MUSA
 Testing Executive




 ROHAYA IBRAHIM
 Head
 Fire Protection Section
 Testing Services Department
 SIRIM QAS International Sdn. Bhd.



TEST REPORT

REPORT NO.: 2014FE0328

PAGE 2 OF 4

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director of SIRIM QAS International Sdn. Bhd.

Product : GALVANIZED STEEL SHEET

Measured Thickness : 1.60 mm

Brand : realzinc™

Measured Density : 7690 kg/m³

Model : 1.60mm

Date of Test : 10.07.2014

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	9	12	7	8	9
1.0	14	17	10	13	13
1.5	17	21	13	16	17
2.0	21	23	16	19	19
2.5	24	26	17	22	22
3.0	27	30	20	24	24
4.0	61	57	45	52	51
5.0	102	92	77	85	84
6.0	127	114	103	111	109
7.0	143	135	123	132	130
8.0	162	154	146	149	149
9.0	179	168	159	166	164
10.0	195	180	174	179	178
12.0	215	203	195	201	199
14.0	230	218	210	214	214
16.0	242	229	222	225	225
18.0	250	233	231	235	233
20.0	258	242	238	242	240
Subindex 1		1.6	0.0	0.0	0.5
Subindex 2		0.0	0.0	0.0	0.0
Subindex 3		0.0	0.0	0.0	0.0
Index of Performance		1.6	0.0	0.0	0.5



21 JUL 2014

TEST REPORT

REPORT NO.: 2014FE0328

PAGE 3 OF 4

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director of SIRIM QAS International Sdn. Bhd.

Date of Test : 10.07.2014

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **0.5** for the Galvanized Steel Sheet with measured density of 7690 kg/m³ and measured thickness of 1.60 mm.

The Subindex **i1** is 0.5

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.



21 JUL 2014

TEST REPORT

REPORT NO.: 2014FE0328

PAGE 4 OF 4

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director of SIRIM QAS International Sdn. Bhd.

Product : GALVANIZED STEEL SHEET
Brand : realzinc™
Model : 1.60mm

Measured Thickness : 1.60 mm
Measured Density : 7690 kg/m³
Date of Test : 10.07.2014

