

TEST REPORT

REPORT NO.: 2016FE0456

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 any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Applicant/
Manufacturer : **CSC STEEL SDN. BHD.**
180, Kawasan Industri Ayer Keroh,
75450 Ayer Keroh,
Melaka.
(Attn: Mrs. Cheng Le Shi / Mrs. 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 : 6 pieces of Galvanized Steel Sheet.
Size of Specimen : 225mm × 225mm × 0.75mm (measured thickness)
Brand : realzinc™
Model : realzinc™ Enhance
Nominal Thickness : 0.75 mm
Measured Density : 7865 kg/m³

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

Date Received : 17.08.2016
Date of Test : 14.09.2016
Job No./ Ref No. : J20161440437 /SQAS/FPS/15/1-5

Test Result	Subindex i1	Subindex i2	Subindex i3	Fire Propagation Index (I)
	0.0	0.1	0.1	0.2

Issued Date : **28 SEP 2016**

Approved Signatories :


.....
MUHAMMAD SAFUAN MUSA
Testing Executive




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

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 any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Product : GALVANIZED STEEL SHEET
Brand : realzinc™
Model : realzinc™ Enhance
Date of Test : 14.09.2016

Nominal Thickness : 0.75 mm
Measured Thickness : 0.75 mm
Measured Density : 7865 kg/m³

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	17	14	11	14	13
1.0	21	16	15	17	16
1.5	25	18	18	20	19
2.0	29	21	20	22	21
2.5	32	24	22	25	23
3.0	36	27	26	29	27
4.0	69	62	59	65	62
5.0	103	98	93	102	98
6.0	127	127	116	127	123
7.0	146	145	134	150	143
8.0	163	163	153	167	161
9.0	177	178	166	182	175
10.0	190	189	177	195	187
12.0	207	209	192	214	205
14.0	222	222	207	227	218
16.0	234	235	217	236	229
18.0	241	244	225	247	238
20.0	248	249	234	251	245
Subindex 1		0.0	0.0	0.0	0.0
Subindex 2		0.0	0.0	0.2	0.1
Subindex 3		0.0	0.0	0.2	0.1
Index of Performance		0.0	0.0	0.4	0.2



[Handwritten signature]

28 SEP 2016

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 any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Date of Test : 14.09.2016

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **0.2** for the Galvanized Steel Sheet with measured density of 7865 kg/m³ and measured thickness of 0.75 mm.

The Subindex i1 is 0.0

The Subindex i2 is 0.1

The Subindex i3 is 0.1

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.

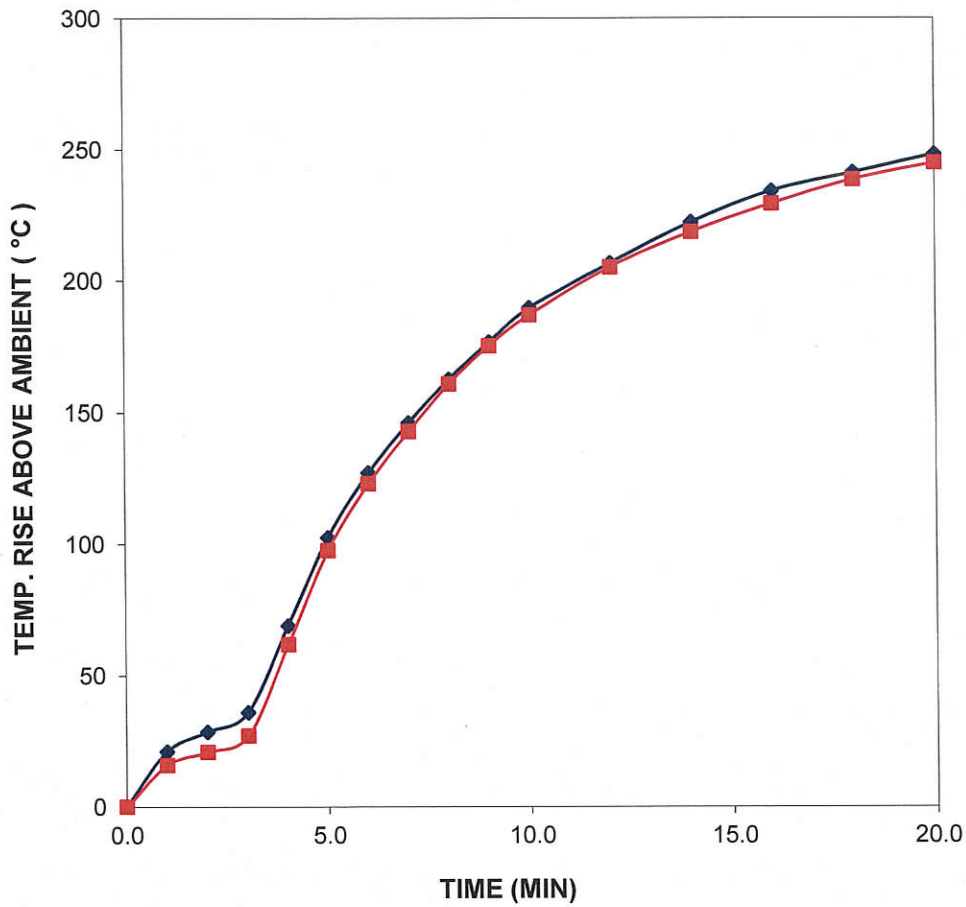


28 SEP 2016

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 any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Product : GALVANIZED STEEL SHEET
 Brand : realzinc™
 Model : realzinc™ Enhance
 Date of Test : 14.09.2016

Nominal Thickness : 0.75 mm
 Measured Thickness : 0.75 mm
 Measured Density : 7865 kg/m³



[Handwritten signature]

28 SEP 2016