

TEST REPORT

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

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 x 225mm x 1.90mm (measured thickness)
Brand : realzinc™
Nominal Thickness : 1.90 mm
Measured Density : 7712 kg/m³

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. : J20181440451 /SQAS/FPS/15/1-5

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

Issued Date : 12 September 2018

Approved Signatory



(MUHAMMAD SAFUAN MUSA)
Testing Executive




(AZMI MUSA)
HEAD
Fire Protection Section
Testing Services Department

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Product : GALVANIZED STEEL SHEET

Nominal Thickness : 1.90 mm

Brand : realzinc™

Measured Thickness : 1.90 mm

Date of Test : 28.08.2018

Measured Density : 7712 kg/m³

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	15	10	11	11	10
1.0	20	14	13	16	14
1.5	25	17	17	20	18
2.0	28	20	21	23	21
2.5	31	23	24	26	24
3.0	36	26	29	31	29
4.0	71	56	58	58	57
5.0	104	81	89	88	86
6.0	129	103	113	112	109
7.0	149	122	133	133	129
8.0	168	137	150	151	146
9.0	181	151	165	166	160
10.0	193	163	176	177	172
12.0	213	181	195	197	191
14.0	227	195	207	211	204
16.0	236	206	217	222	215
18.0	244	216	225	229	223
20.0	249	224	230	235	230
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 : 28.08.2018

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **0.0** for the Galvanized Steel Sheet with measured density of 7712 kg/m³ and measured thickness 1.90 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 'M. J. M.', written over the right side of the stamp.

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Product : GALVANIZED STEEL SHEET

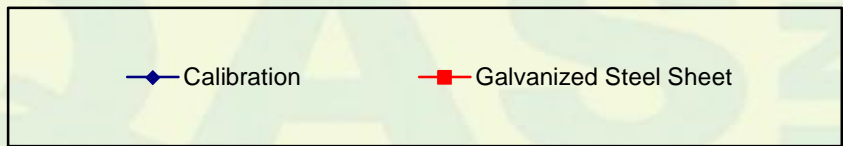
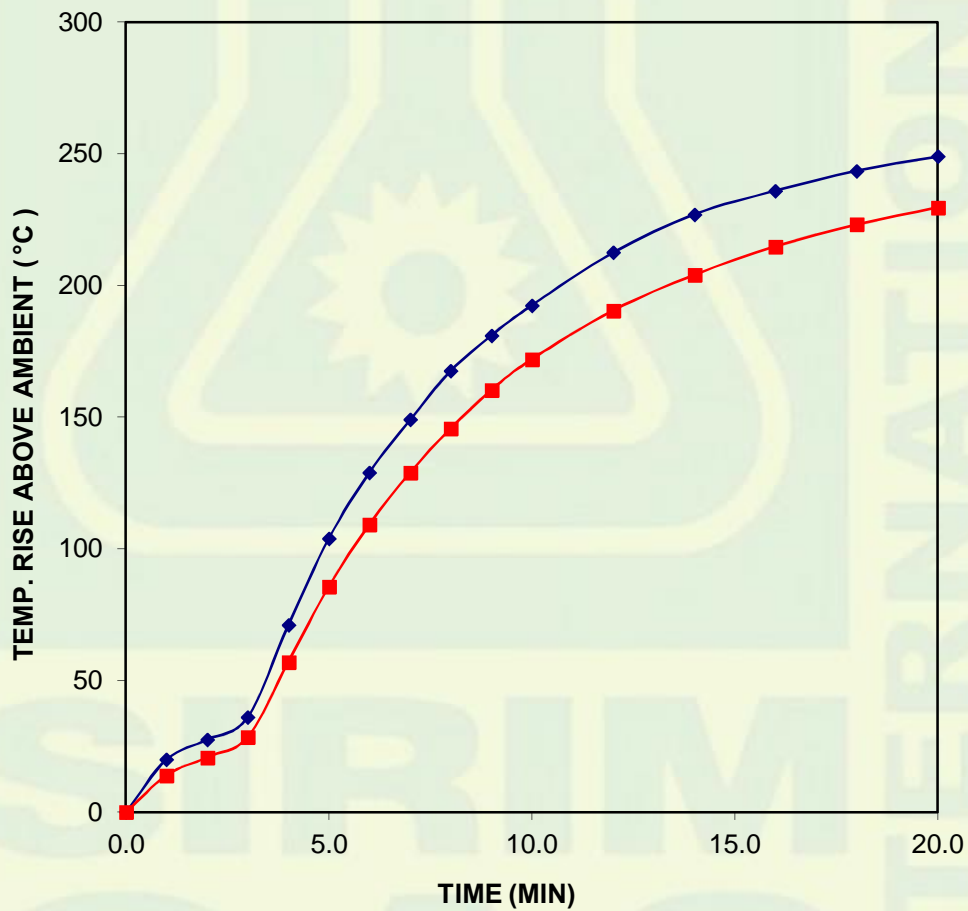
Nominal Thickness : 1.90 mm

Brand : realzinc™

Measured Thickness : 1.90 mm

Date of Test : 28.08.2018

Measured Density : 7712 kg/m³



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 - 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. 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