



SIRIM QAS International Sdn. Bhd.

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(Company No: 410334-X)

TEST REPORT

REPORT NO.: 2010FE0327

PAGE: 1 OF 4

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Applicant/
Manufacturer : **CSC STEEL SDN. BHD.**
180, Kawasan Industri Ayer Keroh,
Ayer Keroh,
75450 Melaka,
(Attn: Mr. Lew Ren Shang)

Product : **GALVANIZED IRON SHEET SGC 570 Z12 0.80 mm (BMT)**

Reference : BS 476: Part 6: 1989
Standard/
Method of Test : 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 Iron Sheets
Size of Specimen : 225mm × 225mm × 0.80 mm (measured thickness)
Nominal Thickness : 0.80 mm
Nominal Steel Density : 7850 kg/ m³
Measured Density : 7882 kg/ m³

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

Date of test : 10.08.2010

Date received : 28.06.2010


Job No./ Ref No. : J20105060230 /SQAS/FPS/15/1-5

Issued date : 06 SEP 2010

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WAN MOHD KHAIRI WAN YAHYA
Testing Executive



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ZAINI AHMAD
Group Leader
Fire Protection Section
Testing Services Department
SIRIM QAS International Sdn. Bhd

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PAGE 2 OF 4

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Product : GALVANIZED IRON SHEET SGC 570 Z12 0.80 mm (BMT)
Nominal Thickness : 0.80 mm **Nominal Steel Density** : 7850 kg/ m³
Measured Thickness : 0.80 mm **Measured Density** : 7882 kg/ m³
Date of Test : 10.08.2010

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen	Specimen	Specimen	Specimen
		A	B	C	Average
0.5	17	10	14	15	13
1.0	21	15	20	21	18
1.5	25	19	24	24	22
2.0	28	22	28	28	26
2.5	32	25	32	31	29
3.0	35	28	36	34	32
4.0	69	53	62	69	61
5.0	107	89	96	97	94
6.0	136	113	121	123	119
7.0	156	135	139	144	139
8.0	172	153	156	158	155
9.0	188	168	172	172	170
10.0	199	183	186	183	184
12.0	220	206	207	209	207
14.0	234	221	223	224	223
16.0	245	234	235	237	235
18.0	253	243	243	245	243
20.0	260	249	252	254	251
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



06 SEP 2010

TEST REPORT

REPORT NO.: 2010FE0327

PAGE 3 OF 4

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Date of Test : 10.08.2010

No. of Specimen Tested : 3 nos.

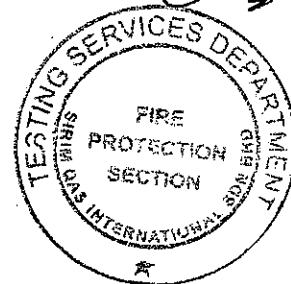
The Fire Propagation Index **I** is **0.0** for the Galvanized Iron Sheets with known density of 7882 kg/m^3 and measured thickness of 0.80 mm.

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.



06 SEP 2010

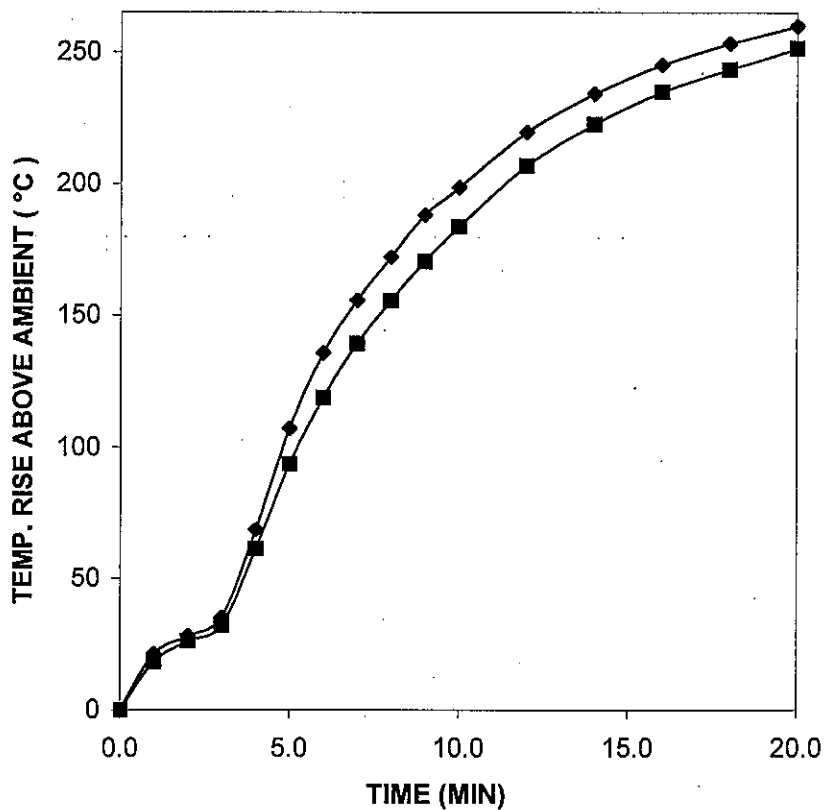
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PAGE 4 OF 4

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Date of Test : 10.08.2010



◆ Calibration

■ Galvanized Iron Sheet



06 SEP 2010