



SIRIM QAS International Sdn. Bhd.
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(Company No: 410334-X)

TEST REPORT

REPORT NO.: 2009FE0067

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Our Ref : SQAS / FPS / 15 / 1 - 5

Issued by : Fire Protection Section

Issued date : 09 APR 2009

Product : PREPAINTED GALVANIZED STEEL SHEET (MARK BLUE)

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


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

Description of sample : 3 pieces of Prepainted Galvanized Steel Sheets (Mark Blue).
Size of Specimen : 225mm × 225mm × 0.40 mm (measured thickness)
Brand : BMT 0400 mm, Z18
Density : 8271kg/m³

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

Date received : 10.03.2009

Job No. : J2009 506 0048


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SHARIFAH NUR BADARIAH
Testing Executive




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ZAINI AHMAD
Deputy Head
Fire Protection Section
Testing Services Department
SIRIM QAS International Sdn. Bhd.

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Product : PREPAINTED GALVANIZED STEEL SHEET (MARK BLUE)
Brand : BMT 0400 mm, Z18 **Measured Thickness** : 0.44 mm
Density : 8271 kg/m³ **Date Of Test** : 12.03.2009

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	15	14	14	14	14
1.0	18	18	17	18	18
1.5	22	22	20	23	22
2.0	26	27	24	27	26
2.5	29	31	28	30	29
3.0	33	34	30	34	33
4.0	67	72	66	68	69
5.0	110	118	111	115	114
6.0	139	151	145	143	146
7.0	163	176	172	169	172
8.0	178	191	188	184	188
9.0	189	202	201	198	200
10.0	199	213	210	206	209
12.0	213	226	222	219	222
14.0	223	234	233	227	231
16.0	231	241	238	237	239
18.0	233	246	242	237	242
20.0	240	252	247	244	248
Subindex 1		0.2	0.0	0.2	0.1
Subindex 2		1.1	0.6	0.5	0.7
Subindex 3		0.4	0.3	0.2	0.3
Index of Performance		1.7	0.9	0.9	1.1



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Date of Test : 12.03.2009

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **1.1** for the Prepainted Galvanized Steel Sheet with known density of 8271 kg/m^3 and measured thickness of 0.40 mm.

The Subindex **i1** is **0.1**

The Subindex **i2** is **0.7**

The Subindex **i3** is **0.3**

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.



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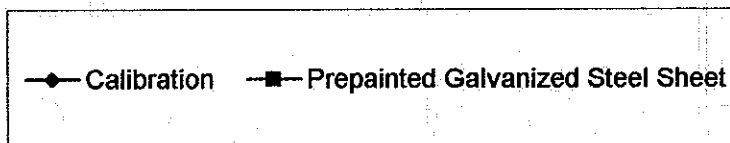
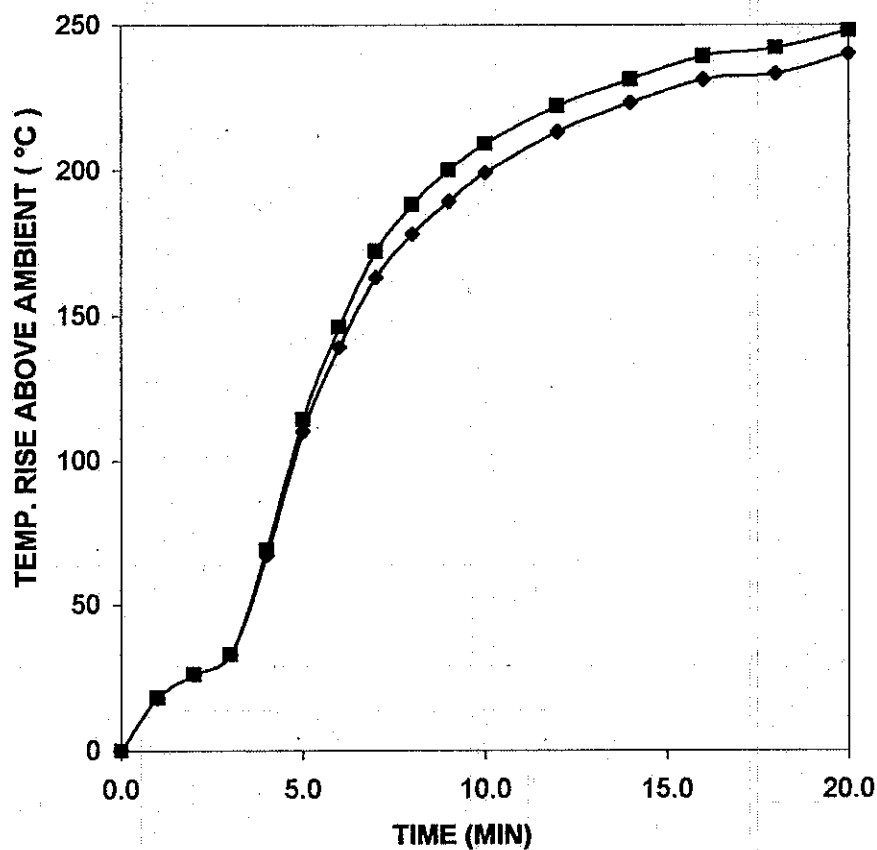
Product : PREPAINTED GALVANIZED STEEL SHEET (MARK BLUE)

Brand : BMT 0400 mm, Z18

Measured Thickness : 0.44 mm

Density : 7487 kg/m³

Date Of Test : 19.03.2009



09 APR 2009