



**SIRIM QAS International Sdn. Bhd.**

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**TEST REPORT**

<b>REPORT NO.: 2010FE0349</b>	<b>PAGE 1 OF 4</b>
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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 0.60 mm ( BMT )

**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.


**Description of test specimen :** 3 pieces of Galvanized Iron Sheets  
Size of Specimen : 225mm × 225mm × 0.62 mm (measured thickness)  
Nominal Thickness : 0.60 mm  
Nominal Steel Density : 7850 kg/ m<sup>3</sup>  
Measured Density : 7753 kg/ m<sup>3</sup>

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

**Date of test :** 24.09.2010  
**Date received :** 28.06.2010  
**Job No./ Ref No. :** J20105060226 /SQAS/FPS/15/1-5  
**Issued date :** 28 SEP 2010

  
WAN MOHD KHAIRI WAN YAHYA  
Testing Executive



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

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**Product** : GALVANIZED IRON SHEET SGC 570 Z12 0.60 mm ( BMT )  
**Nominal Thickness** : 0.60 mm      **Nominal Steel Density** : 7850 kg/ m<sup>3</sup>  
**Measured Thickness** : 0.62 mm      **Measured Density** : 7753 kg/ m<sup>3</sup>  
**Date of Test** : 24.09.2010

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	15	6	8	6	7
1.0	20	8	11	8	9
1.5	24	10	14	10	11
2.0	27	12	17	12	14
2.5	30	16	20	15	17
3.0	33	20	23	18	20
4.0	55	47	51	44	47
5.0	96	87	87	80	85
6.0	127	111	112	110	111
7.0	148	134	135	129	133
8.0	165	153	156	151	153
9.0	180	165	171	169	168
10.0	193	181	186	184	184
12.0	214	205	207	204	205
14.0	230	223	224	223	223
16.0	243	234	239	236	236
18.0	250	246	247	248	247
20.0	257	254	256	255	255
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



*[Handwritten Signature]*

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Date of Test : 24.09.2010

No. of Specimen Tested : 3 nos.

The Fire Propagation Index I is 0.0 for the Galvanized Iron Sheets with known density of 7753 kg/m<sup>3</sup> and measured thickness of 0.62 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.



28 SEP 2010