



SIRIM QAS International Sdn. Bhd.

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Tel: 03-55446465 Fax: 03-55446454 <http://www.sirim.my>
(Company No: 410334-X)

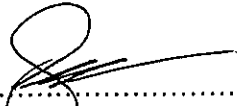
TEST REPORT

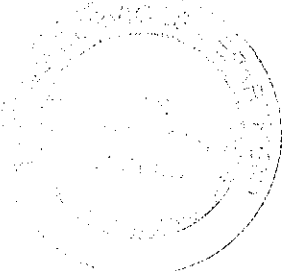

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Our Ref : SQAS / FPS / 15 / 1 - 5
Issued by : Fire Protection Section
Issued date : 07 MAY 2010
Product : GALVANIZED IRON SHEET (BMT 0.35 MM)
Reference Standard/
Method of test : BS 476: Part 6: 1989
Fire Test on Building Materials and Structures
Part 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. Chan Hian How)
Description of sample : 3 pieces of Galvanized Iron Sheets.
Size of Specimen : 225 mm × 225 mm × 0.38 mm (measured thickness)
Nominal Thickness : BMT 0.35 mm ± 0.03 mm
Nominal Density : 7850 kg/m³ ± 10%
Measured Density : 7440 kg/m³
The specimens were tested with the face side exposed to the specified heating conditions of the fire test.
Date received : 03.03.2010
Job No. : J20105060091


.....
WAN MOHD KHAIRI WAN YAHYA
Testing Executive



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

TEST REPORT

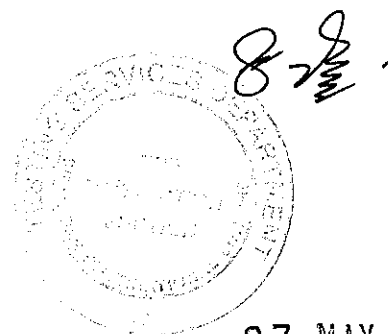
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Product : Galvanized Iron Sheet (BMT 0.35 mm) **Measured Thickness** : 0.38 mm
Density : 7440 kg/m³ **Date of Test** : 01.04.2010

| Time (Min.) | Temperature Rise Above Ambient (°C) | | | | |
|----------------------|-------------------------------------|---------------|---------------|---------------|---------------------|
| | Calibration | Specimen A | Specimen B | Specimen C | Specimen Average |
| 0.5 | 19 | 19 | 15 | 16 | 16 |
| 1.0 | 24 | 21 | 20 | 18 | 19 |
| 1.5 | 28 | 23 | 23 | 23 | 23 |
| 2.0 | 31 | 27 | 28 | 29 | 28 |
| 2.5 | 35 | 32 | 31 | 33 | 32 |
| 3.0 | 38 | 35 | 35 | 36 | 35 |
| 4.0 | 70 | 72 | 71 | 71 | 71 |
| 5.0 | 108 | 115 | 114 | 112 | 114 |
| 6.0 | 136 | 139 | 142 | 144 | 142 |
| 7.0 | 156 | 164 | 164 | 162 | 163 |
| 8.0 | 170 | 185 | 184 | 183 | 184 |
| 9.0 | 188 | 202 | 202 | 199 | 201 |
| 10.0 | 201 | 216 | 213 | 213 | 214 |
| 12.0 | 219 | 238 | 237 | 235 | 237 |
| 14.0 | 235 | 252 | 255 | 249 | 252 |
| 16.0 | 248 | 263 | 264 | 262 | 263 |
| 18.0 | 253 | 269 | 268 | 270 | 269 |
| 20.0 | 260 | 274 | 276 | 274 | 274 |
| Subindex 1 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Subindex 2 | | 0.8 | 0.8 | 0.7 | 0.8 |
| Subindex 3 | | 0.5 | 0.6 | 0.5 | 0.5 |
| Index of Performance | | 1.3 | 1.4 | 1.2 | 1.3 |



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Date of Test : 01.04.2010

No. of Specimen Tested : 3 nos.

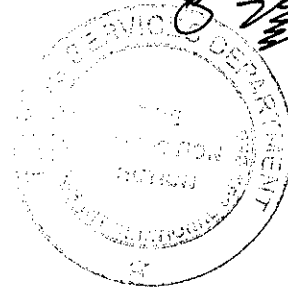
The Fire Propagation Index I is 1.3 for the Galvanized Iron Sheet with known density of 7440 kg/m³ and measured thickness of 0.38 mm.

The Subindex i1 is 0.0

The Subindex i2 is 0.8

The Subindex i3 is 0.5

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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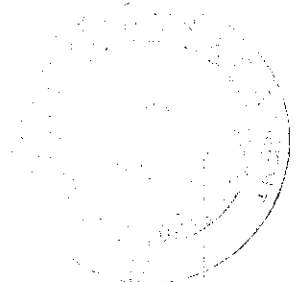
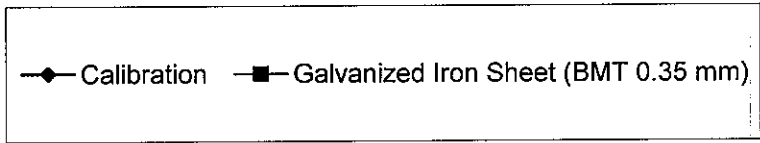
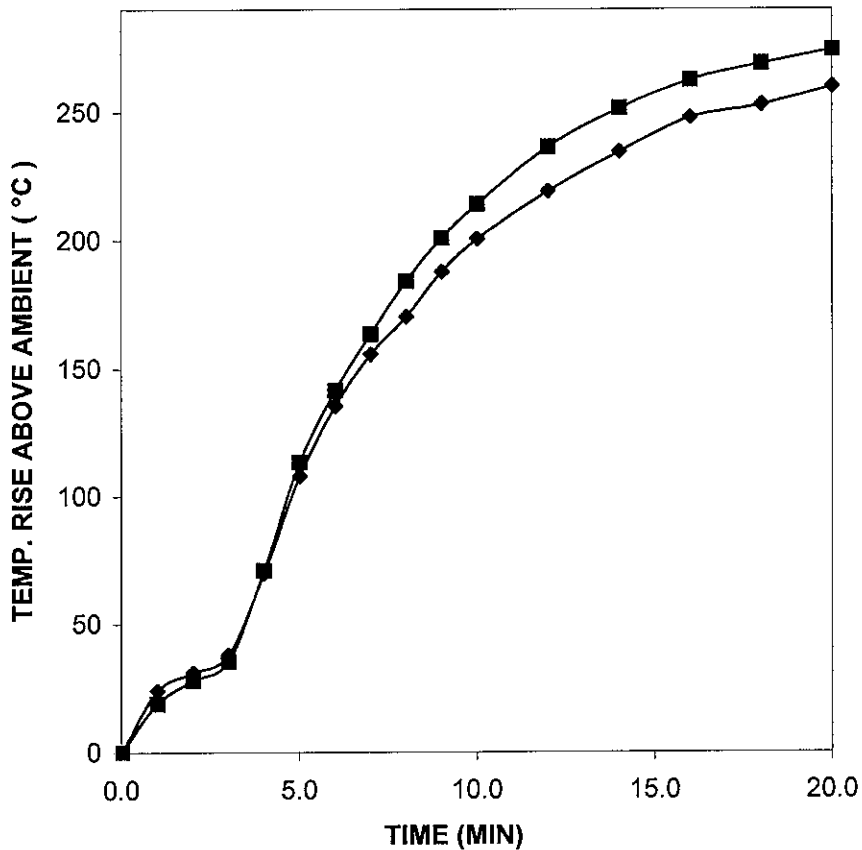
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