



**CLIENT: SIAM GYPSUM INDUSTRY (SARABURI) CO., LTD**

1 Siam Cement Rd 2<sup>nd</sup> Floor, Building 6  
Bangsue, Bangkok 10800 Thailand  
Thossapon Satiraratana

**Test Report No: 606559-2**

**Date: May 22, 2006**

**SAMPLE ID:** The Client submitted and identified the following test material as Firestop Plaster Board, 5/8" thick.

**DATE OF RECEIPT:** Entered into SGS USTC sample tracking system on April 21, 2006.

**TESTING PERIOD:** May 9, 2006.

**AUTHORIZATION:** Testing authorized by Thossapon Satiraratana.

**TEST REQUESTED:** Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

**TEST RESULTS:**                      Flame Spread                      Smoke Developed

0

0

For detailed results see page 2.

**Tested by**

Brian Ortega  
Test Technician

**Signed for and on behalf of  
SGS U.S. Testing Company Inc.**

Greg Bahasky  
Supervisor Fire Technology

Page 1 of 2

This report is issued by SGS U.S. Testing Company Inc. under its General Conditions for Testing Services (copy available on request). SGS U.S. Testing's responsibility under this report is limited to proven negligence and will in no case be more than the amount of the testing fees. Except by special arrangement, samples are not retained by SGS U.S. Testing for more than 30 days. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone relying on this report should understand all of the details of the engagement. Neither the name, seals, marks nor insignia of SGS U.S. Testing may be used in any advertising or promotional materials without the prior written approval of SGS U.S. Testing. The test report cannot be reproduced, except in full, without prior written permission of SGS U.S. Testing Company Inc.



CLIENT: SIAM GYPSUM INDUSTRY (SARABURI) CO., LTD

Report No.: 606559-2

Date: May 22, 2006

Page: 2 of 2

**CEMENT BOARD PLACEMENT:** The cement boards were placed between the specimen and the furnace lid assembly.

**SUMMARY OF ASTM E84 RESULTS:** Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Developed values over 200 are rounded to the nearest figure divisible by 50.

**E 84 TEST DATA SHEET:**

**CLIENT:** SIAM GYPSUM INDUSTRY (SARABURI) CO., LTD .    **DATE:** 05/09/06

**SAMPLE:** Firestop Plasterboard, 5/8" thickness

**FLAME SPREAD:**

**IGNITION:** 3 minutes

**FLAME FRONT:** 0.5 feet maximum

**TIME TO MAXIMUM SPREAD:** 5 minutes, 15 seconds

**TEST DURATION:** 10 minutes

**CALCULATION:**  $2.94 \times 0.515 = 1.51$

**SUMMARY: FLAME SPREAD: 0      SMOKE DEVELOPED: 0**

\*\*\*\*\*

End of Report