



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

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

Test Report No: 606559-1

Date: May 22, 2006

SAMPLE ID: The Client submitted and identified the following test material as Firestop Plaster Board, 1/2" 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 Banasky
Supervisor Fire Technology

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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, 1/2" thickness

FLAME SPREAD:

IGNITION: 3 minutes, 15 seconds

FLAME FRONT: 0.5 feet maximum

TIME TO MAXIMUM SPREAD: 5 minutes, 30 seconds

TEST DURATION: 10 minutes

CALCULATION: $2.81 \times 0.515 = 1.85$

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

End of Report