



NFPA 286

STANDARD METHODS OF FIRE TESTS FOR  
EVALUATING CONTRIBUTION OF WALL AND CEILING  
INTERIOR FINISH TO ROOM FIRE GROWTH

**National Partitions Wall System and Roof System**

Project No. 16969-119039

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Prepared for:

National Partitions  
340 West 78 Rd  
Hialeah, FL 33014



### ABSTRACT

This report describes the results obtained when “National Partitions Wall System and Roof System”, as submitted by National Partitions was tested in accordance with NFPA 286 Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth. The test material consisted of a sandwich panel system assembled into a room. The walls were 6” thick with 26 ga. steel skins and EPS core while the roof was 4” thick with the same steel skin and core material. The sample did not spread flames to the ceiling during the 40 kW exposure. The flames did not spread to the extremities of the 12-foot walls during the 160 kW exposure. The sample did not exhibit flashover conditions during the test. The test specimen passed the recommended NFPA 101 Code requirements as outlined in section 10.2.3.5.3..

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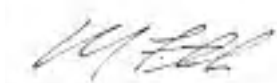
Signed:



Javier Trevino  
Manager, Special Projects

Date: June 14, 2004

Reviewed and approved:



William E. Fitch P.E No 5529  
Executive Vice President

Date: June 14, 2004

