



# TEST REPORT

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**ASTM E119-00a**

## **Fire Tests of Building Construction and Materials\***

### **Safeguard Security Bullet-Resistant FRP Panel**

Project No. 12780-116715

ONE-HOUR FIRE RESISTANCE TEST OF A NONBEARING STEEL STUD WALL WITH 5/8" TYPE X GYPSUM ON THE EXTERIOR AND 5/8" TYPE X GYPSUM WALLBOARD OVER SAFEGUARD SECURITY'S FRP PANEL ON THE INTERIOR

\*Modified in that the sample size was less than 100 ft.<sup>2</sup> and the fire test was performed from the interior side only

December 9, 2003

Prepared for:

Safeguard Security  
4728 Goldfield Building 8  
San Antonio, TX 78218



## Abstract

A 4' x 4' steel stud wall (3<sup>5</sup>/<sub>8</sub>" 20 GA. spaced 24" o.c.) was constructed with 5/8" Type X gypsum wallboard on the exterior surface and a layer of 5/8" Type X gypsum wallboard over Safeguard Security's FRP panel on the interior surface. The fire test was performed with the interior facing the fire, in accordance with ASTM Method E119-00a Fire Tests of Building Construction and Materials. The assembly successfully met the conditions of acceptance with the fire against the interior surface only for a fire endurance rating of 1-h.

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Date: December 9, 2003

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Date: December 9, 2003



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