**W3 1 HOUR FIRE ASSEMBLY - WOOD FRAMED WALL w/ 5/8" GYPSUM BOARD**

Typical Frame Wall Assembly 5/8" unrated Gypsum Wall Board attached to 2 x 4 southern yellow pine studs at 16" o.c. with 1-5/8" course thread dry wall screws spread per local building code.

TO ACHIEVE 1 HOUR FIRE RATING:
APPLY 10 MIL THICKNESS (DRY) OF ForceField® FireGuard® E-84 TO EXPOSED SIDE OF GYPSUM BOARD.

---

**FIRE TEST ENDURANCE RATING:** 1 HOUR

**STANDARD TESTED TO:** ASTM E-119-10b

**FIRE TESTED LABORATORY:** GUARDIAN FIRE TESTING LABORATORIES, INC. 480 HINMAN AVE. BUFFALO, NY 14216

**REPORT NO:** GL 61011

**PRODUCT:** ForceField® FireGuard® E-84 INTUMESCENT COATING (FFG E-84)

**MANUFACTURER:** SHIELD INDUSTRIES, INC. 131 SMOKEHILL LANE WOODSTOCK, GA 30188

*SEE MANUFACTURER APPLICATION INSTRUCTIONS AND SPECIFICATIONS FOR SURFACE PREPARATION AND APPLICATION PROCESS*