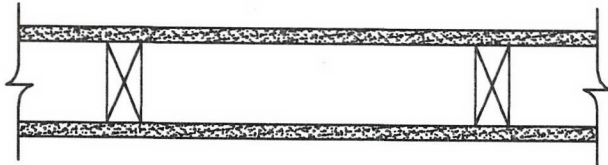




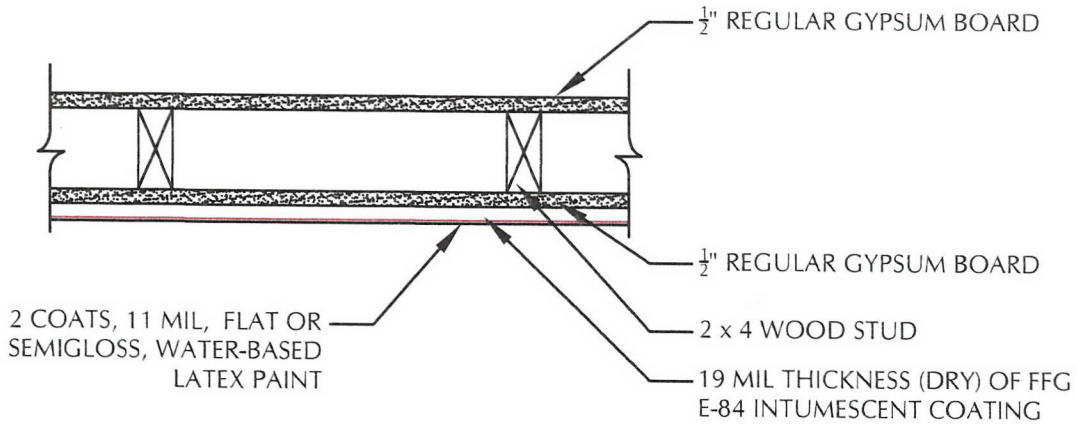
Shield Industries, Inc.

W12 1 HOUR FIRE ASSEMBLY - WOOD FRAMED WALL w/ 1/2" GYPSUM BOARD

Typical Frame Wall Assembly 1/2" unrated and X rated 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 19 MIL THICKNESS (DRY) OF ForceField® FireGuard® E-84 TO EXPOSED SIDE OF GYPSUM BOARD. ONCE COMPLETELY DRY, ASSEMBLY CAN BE TOP COATED WITH FLAT OR SEMI-GLOSS, WATER-BASED, LATEX PAINT.



SCALE: N.T.S.

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 115711 & EER35313
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



A. Joseph Bern
12/10/13



Laura Ann Hinton 12/5/13