



Shield Industries, Inc.

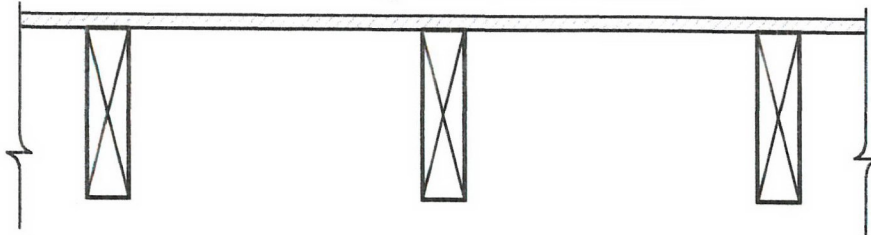
FC-4

2 HOUR FIRE ASSEMBLY - WOOD FLOOR / GYP CEILING

TYPICAL FLOOR ASSEMBLY: $\frac{3}{4}$ " PLYWOOD

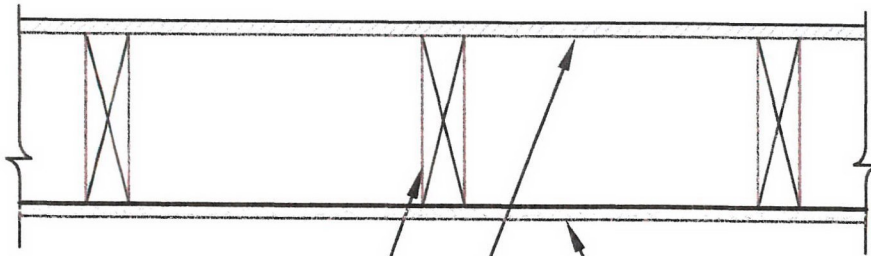
JOIST: 2" X 8"

CEILING: $\frac{5}{8}$ " TYPE X GYPSUM BOARD



TO ACHIEVE 2 HOUR FIRE RATING:

Apply 30 mil thickness (dry) of Forcefield® Fireguard® E-84 to underside of plywood and all exposed wood joists. Allow sufficient time for product to cure, to insure that no additional gassing occurs. Attach $\frac{5}{8}$ " type X gypsum board and apply 30 mil thickness (dry) of Forcefield® Fireguard® E-84 to underside of gypsum ceiling.



JOIST - APPLY 30 MILS (DRY) THICKNESS FFG-84 INTUMESCENT COATING

$\frac{3}{4}$ " PLYWOOD - APPLY 30 MILS (DRY) THICKNESS FFG-84 INTUMESCENT COATING

$\frac{5}{8}$ " TYPE X GYPSUM BOARD - APPLY 30 MILS (DRY) THICKNESS FFG-84 INTUMESCENT COATING

SCALE: N.T.S.

FIRE TEST ENDURANCE RATING:	2 HOUR
STANDARD TESTED TO:	ASTM E-119 NO LOAD
FIRE TESTED LABORATORY:	GUARDIAN FIRE TESTING LABORATORIES, INC. 480 HINMAN AVE. BUFFALO, NY 14216
REPORT NO:	GL 115411
PRODUCT:	ForceField® FireGuard® E-84 INTUMESCENT COATING (FFG E-84)
MANUFACTURER:	SHIELD INDUSTRIES, INC. 131 SMOKEHILL LANE WOODSTOCK, GA 30188

Guardian
R. Joseph Blawie
11/27/13



Samuel H. Lee 11/18/13

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