2 HOUR CONCRETE FLOOR / CEILING
FIRE ASSEMBLY
Concrete floor / ceiling assembly with existing 1 hour rated precast concrete double tees and 1 hour Concrete top slab

EXISTING 1 HOUR RATED CREATED BY 2+" OF CONC. SLAB

TO ACHIEVE 2 HOUR FIRE RATING: (@ COMPOSITE PANEL)
Preparation of concrete and steel: clean and apply 2.5 mil Alkyd primer; Apply 25 mil thickness (dry) of Forcefield\textsuperscript{*} Fireguard\textsuperscript{*} E-84 to exposed side of composite panels

EXISTING 1 HOUR RATED CREATED BY 2+" OF CONC. SLAB

FIRE TEST ENDURANCE RATING: 2 HOUR
FIRE TESTED LABORATORY: GUARDIAN FIRE TESTING LABORATORIES, INC
480 HINMAN AVE.
BUFFALO, NY 14216
REPORT NUMBER: GL 115611 PLUS JUDGEMENT
PRODUCT: ForceField\textsuperscript{*} FireGuard\textsuperscript{*} E-84 INTUMESCENT COATING (FFG E-84)
MANUFACTURER: SHIELD INDUSTRIES, INC.
131 SMOKEHILL LANE
WOODBROCK, GA 30188

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

STATE OF CALIFORNIA
LAURA ANN HINTON
REGISTERED PROFESSIONAL ENGINEER
INDUSTRIAL