1 HOUR FIRE ASSEMBLY - 3'' SQUARE TUBE COLUMN

Typical Assembly - 3'' steel square tube, used vertically as a column

TO ACHIEVE 1 HOUR FIRE RATING:
PREPARATION OF STEEL MEMBER: CLEAN AND APPLY ALKYD PRIMER @ 2.5 MIL.
APPLY 60 MIL THICKNESS (DRY) OF ForceField® FireGuard® E-84 TO ALL EXPOSED SIDES OF STEEL TUBE COLUMN.

SCALE: N.T.S.

GUARDIAN
R. Joseph Reaman 11/17/13

REGISTERED PROFESSIONAL ENGINEER
LAURA ANN HINTON
STATE OF CALIFORNIA
INDUSTRIAL
4367

FIRE TEST ENDURANCE RATING: 90 MIN
STANDARD TESTED TO: ASTM E-119-11a Structural Steel Section:
NFPA 251; UL 263; ULC S-101-07 with No Load Capacity, No Restraint, Small Scale Test

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

REPORT NO: GL 115611
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