ST-3

1 HOUR FIRE ASSEMBLY - 8" WF24 OR LARGER STEEL SECTION

Typical Assembly - 8WF24 or larger, used vertically as a column

TO ACHIEVE 1 HOUR FIRE RATING:
PREPARATION OF STEEL MEMBER: CLEAN AND APPLY ALKYD PRIMER @ 2.5 MIL.
APPLY 35 MIL THICKNESS (DRY) OF ForceField® FireGuard® E-84 TO ALL EXPOSED SIDES OF STEEL COLUMN.

35 MIL THICKNESS (DRY) OF FFG E-84 INTUMESCENT COATING

FIRE TEST ENDURANCE RATING: 1 HOUR
STANDARD TESTED TO: ASTM E-119 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 HINMAN AVE.
BUFFALO, NY 14216

REPORT NO: CL 115611, GL 88311
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

SCALE: N.T.S.

GUARDIAN

LAURA ANN HINTON
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

4367

A. Joseph Plemon

4/1/2014