



Shield Industries, Inc.

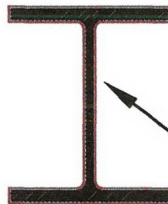
ST-3

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

SCALE: N.T.S.

| | |
|-----------------------------|---|
| 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: | GL 115611, GL 88311 |
| PRODUCT: | ForceField® FireGuard® E-84 INTUMESCENT COATING (FFG E-84) |
| MANUFACTURER: | SHIELD INDUSTRIES, INC. 131 SMOKEHILL LANE WOODSTOCK, GA 30188 |

GUARDIAN
R. Joseph Pearson 4/7/14



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

Laura Ann Hinton 4/1/2014