

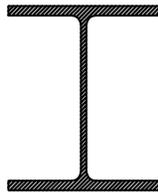


# Shield Industries, Inc.

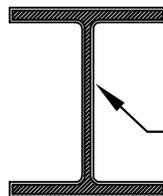
ST-2

## 2 HOUR FIRE ASSEMBLY - 8" WF21 STEEL SECTION

Typical Assembly - 8WF21, used horizontally as a beam



TO ACHIEVE 2 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 BEAM.



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

SCALE: N.T.S.

|                             |   |
|-----------------------------|---|
| FIRE TEST ENDURANCE RATING: | 2 HOUR  |
| 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.<br>480 HINMAN AVE.<br>BUFFALO, NY 14216  |
| REPORT NO:                  | GL 115611   |
| PRODUCT:                    | ForceField® FireGuard® E-84 INTUMESCENT COATING (FFG E-84)  |
| MANUFACTURER:               | SHIELD INDUSTRIES, INC.<br>131 SMOKEHILL LANE<br>WOODSTOCK, GA 30188  |

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