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

Typical Assembly - 8WF24 or larger, used horizontally as a beam.

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

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

FIRE TEST ENDURANCE RATING: 1 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.
480 HINMAN AVE.
BUFFALO, NY 14216
REPORT NO: CL 88311-A
PRODUCT: ForceField® FireGuard® E-84 INTUMESCENT COATING (FFG E-84)
MANUFACTURER: SHIELD INDUSTRIES, INC.
131 SMOKEHILL LANE
WOODSTOCK, CA 30188

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