ST-4  2 HOUR FIRE ASSEMBLY - 8" WF24 OR LARGER STEEL SECTION

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

TO ACHIEVE 2 HOUR FIRE RATING (USING CRITERIA 1300°F AVERAGE):
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

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.
480 HINMAN 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