2 HOUR FIRE ASSEMBLY - HEAVY WEIGHT STRUCTURAL STEEL BEAM

TYPICAL ASSEMBLY - HEAVY WEIGHT STRUCTURAL STEEL MEMBER USED HORIZONTALLY AS A BEAM OR 45 DEG BRACING

Heavy weight defined as 24 LBS. or larger per liner foot of material

TO ACHIEVE 2 HOUR RATING:
PREPARATION OF STEEL MEMBER: CLEAN AND APPLY COMPATIBLE STEEL PRIMER @ 2.5 MIL.
APPLY 60 MIL THICKNESSES (DRY) OF ForceField® FireGuard® E-84 TO ALL EXPOSED SIDES OF STEEL BEAM.

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

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**FIRE TEST ENDURANCE RATING:** 2 HOUR

**STANDARD TESTED TO:**
ASTM E-119-11A STRUCTURAL STEEL SECTION; NFPA 258: UL 263: ULC S-101-07 WITH NO LOAD CAPACITY, NO RESTRAINT, SMALL SCALE TEST

**FIRE TESTED LABORATORY:**
GUARDIAN FIRE LABORATORIES, INC.
480 HINMAN AVE.
BUFFALO, NY 14216

**REPORT NO:**
GL 155611

**PRODUCT:**
ForceField® FireGuard E-84® INTUMESCENT COATING (FFG E-84)

**MANUFACTURER:**
SHIELD INDUSTRIES, INC.
E11 SMOKENHILL LANE
WOODSTOCK, GA 30188

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