1 HOUR FIRE ASSEMBLY - MEDIUM WEIGHT STRUCTURAL STEEL BEAM

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

Medium weight defined as 10 LBS - 23.9 LBS per liner foot of material

TO ACHIEVE 1 HOUR RATING:
PREPARATION OF STEEL MEMBER: CLEAN AND APPLY COMPATIBLE STEEL PRIMER @ 2.5 MIL.
APPLY 30 MIL THICKNESSES (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-199-11A STRUCTURAL STEEL SECTION: NFPA 25E: UL 263; ULCS-109-07 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 8831

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

MANUFACTURER:
SHIELD INDUSTRIES, INC.
131 SMOKEHILL LANE
WOODSTOCK, GA 30088

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