2 HOUR FIRE ASSEMBLY - MEDIUM WEIGHT STRUCTURAL STEEL COLUMN

TYPICAL ASSEMBLY - MEDIUM WEIGHT STRUCTURAL STEEL MEMBER USED VERTICALLY AS A COLUMN

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

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

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 252 UL, 263; UL-EC 5-10-07 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 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