90 MIN FIRE ASSEMBLY - LIGHT WEIGHT STRUCTURAL STEEL BEAM

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

Light weight defined as 1 LBS-9.9 LBS. per liner foot of material

TO ACHIEVE 90 MIN 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 BEAM.

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