

ASTM REQUIREMENTS FOR FIRE RATED MAIN BEAMS

ASTM Standards changed to ensure load performance of Fire Rated Main Beams

Load performance and installation of fire rated main beams is now specifically addressed in ASTM C-635 and C-636, to ensure load performance along the entire length of a fire rated main beam.

ASTM C635-04

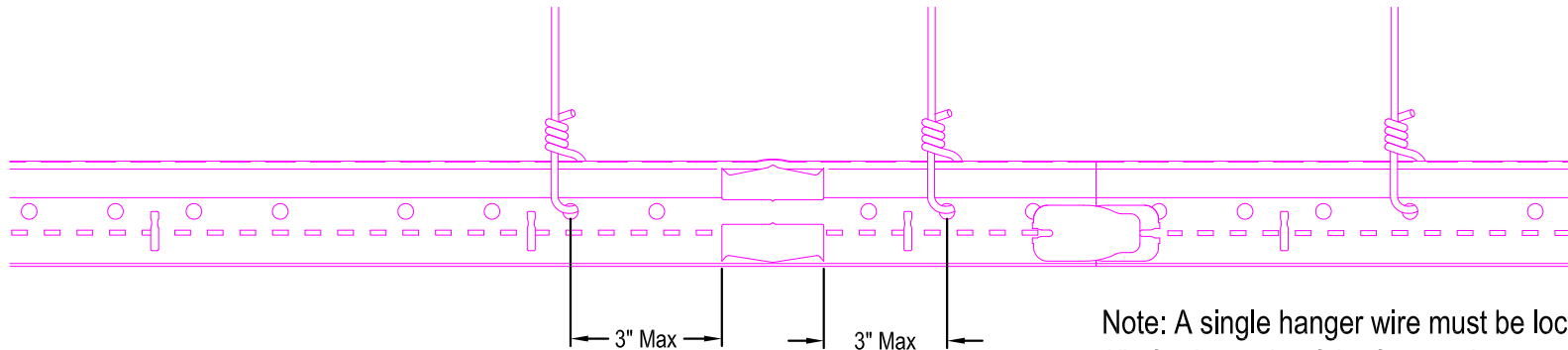
Now requires that the load performance of the fire rated main beams be evaluated if a wire is installed greater than 3" from the fire expansion relief notch. Typically, when the wire is located greater than 3" from the relief notch, the load carrying capability of the main beam is reduced at that location.

(See Section 9.1.2., ASTM C 635 - 04)

ASTM C636-04

Now requires a wire to be located within 3" of a fire expansion relief notch when a fire rated main beam is installed. This wire placement will maintain the load performance of the main beam along its entire length. If the wire is installed further than 3" from the expansion relief notch, ASTM requires the load performance be evaluated.

(See Section 2.3.5., ASTM C 636 - 04)



Note: A single hanger wire must be located within 3" of either side of the fire notch.

These drawings show typical conditions in which the Armstrong product depicted is installed. They are not a substitute for an architect's or engineer's plan and do not reflect the unique requirements of local building codes, laws, statutes, ordinances, rules and regulations (Legal Requirements) that may be applicable for a particular installation.

Armstrong does not warrant, and assumes no liability for the accuracy or completeness of the drawings for a particular installation or their fitness for a particular purpose. The user is advised to consult with a duly licensed architect or engineer in the particular locale of the installation to assure compliance with all Legal Requirements.

Armstrong is not licensed to provide professional architecture or engineering design services.

PROJECT NAME: FIRE RATED MAIN BEAM			
DWG. NO. 1-4	PATH: .	REV: .	DATE: .
DATE: 8/01/08	SCALE: .	DESC.: .	
DRAWN BY: MSS	CHK BY: .		



CEILING SYSTEMS * ARMSTRONG WORLD INDUSTRIES, INC. * Lancaster, PA * Phone: 877-ARMSTRONG