

Prepared with Cooperation from:  
**Commercial Residential Aluminum**  
115 Morse Court  
North Venice, FL 34275

4/1/16

**Beam Calculations for Channel Loc Beam:**

**Requirements:** Florida Building Code, 5<sup>th</sup> Edition (2014)

**Reference:** Chapters 16 and 20 Sections: 1602.1, 1604.3.5, 1605, 1609.1.1 through  
1622.1.2, 2002.1, 2002.3, 2003, Allowable stress design

**Test Report:** CLTA 2072W-1  
Aluminum Design Manual, (ADM) 2005

The Purpose of this application is to get Florida Product Approval on the Channel Loc Beam as a structural component. The tests were done with the ends not fixed. Installation methods are dependent on the site specific requirements for its use. This application is similar to a previous report, FL7350.1.

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