



Fire Protection Products



ENGINEERING JUDGMENT FOR:
02/17/15
Michael Palmacci
General Insulation
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Malden, MA 02148
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Project: Bean 2 Maine Med	Contractor: Northeast Firestop Solutions
Fire Stopping Category: Joints / Head of Wall	Hourly Rating Requested/ Type: 2 Hour / F
Joint Type: Construction	Maximum Joint Width: 3/4 in.
Floor Assembly: Concrete Floor	Wall Assembly: Gypsum Shaft Wall
Type of Movement: Dynamic	

<p>Special Conditions: Field condition like HW-D-0465 with the inclusion of the gypsum shaft wall off set. Coreboard goes to the bottom of the beam with SFRM, the (2) layers of 5/8 extend to the deck.</p> <p>Application Details: To firestop this application, install in accordance with HW-D-0465 with the following modifications/classifications;</p> <ol style="list-style-type: none"> The inclusion of (2) layers of 5/8 gypsum off set extending to the deck is not expected to adversely affect the performance of the system in a fire scenario, provided all other system parameters are met.

3M Fire Barrier Material: FireDam Spray 200

Based On: HW-D-0465

This Engineering Judgment (EJ) is based upon the sole and exclusive use of 3M brand Fire Protection Products as described within. Modification of any of the parameters of this EJ, including, without limitation, the use of non-3M brand Fire Protection Products, shall render this EJ null and void. This fire-resistive joint design is expected to achieve the hourly rating indicated above. This engineering judgment is based on performance results obtained in testing with independent laboratories and / or internal 3M fire tests, which have been tested in accordance to ASTM E 1966 (UL 2079).

<p>Engineering Judgment Prepared By:</p>  <p>Alan Wiater Technical Representative</p>	<p>Reviewed By:</p>  <p>564914 cc: Ryan Fenstermaker</p>
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3M Building and Commercial Services Division

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