Sound Transmission Class Testing (ASTM E90)

INTRODUCTION:

This report presents the results of acoustical testing of CFS-TTS Firestop Top Track Seal. This testing was requested by Mr. Chad Stroike, CFPS and was completed on October 6, 2015.

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The results stated in this report represent only the specific construction and acoustical conditions present at the time of the test. Measurements performed in accordance with this standard on nominally identical constructions and acoustical conditions may produce different results.

TEST RESULTS SUMMARY:

<table>
<thead>
<tr>
<th>Test #</th>
<th>Description</th>
<th>STC</th>
<th>Def</th>
<th>OI/TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3 5/8” Single Wall Baseline</td>
<td>59</td>
<td>28</td>
<td>45</td>
</tr>
<tr>
<td>1B</td>
<td>CFS-TTS Firestop Top Track Seal</td>
<td>57</td>
<td>25</td>
<td>44</td>
</tr>
</tbody>
</table>

SPECIMEN DESCRIPTION:

**Baseline Wall #1** (Test #1): In order to create a baseline for testing a “filler wall” was constructed. Details of the filler wall are below. Materials are listed from source room to receive room. This “filler wall” was used for test 1.

- 2 layers 5/8” Gypsum
- 25 gauge 3 5/8” Steel Studs
- 3” Mineral Wool Acoustic Insulation
- 2 Layers 5/8” Gypsum
- Duct Seal around perimeter

Tests #1b: Top row of Duct Seal was removed to expose the CFS-TTS Firestop Top Track Seal for testing.