



International Fireproof Technology, Inc.  
17528 Von Karman Ave. Irvine, CA 92614



LEED® Green Building Rating System contribution information for International Fireproof Technology Inc. Fire Protective Coatings and Firestop System Products

**Materials and Resources (MR): Construction Waste Management**

MR Prerequisite: Storage and Collection of Recyclables

The following System materials are recyclable and can contribute to complying with Materials and Resources Credit

|                          |                       |           |              |
|--------------------------|-----------------------|-----------|--------------|
| <input type="checkbox"/> | Carton of sealant     | cardboard | 320g/carton  |
| <input type="checkbox"/> | Carton of putty       | cardboard | 540g/carton  |
| <input type="checkbox"/> | 310ml Sealant tube    | HDPE      | 50g/tube     |
| <input type="checkbox"/> | 20Kgs Plastic pail    | HDPE      | 740g/pail    |
| <input type="checkbox"/> | 20Kgs Metal bucket    | Metal     | 1050g/bucket |
| <input type="checkbox"/> | 6Kgs Metal bucket     | Metal     | 460g/bucket  |
| <input type="checkbox"/> | 5 Gallon Plastic Pail | HDPE      | 740g/pail    |

**Materials and Resources (MR): Material Ingredients**

MR Credit: Building Product Disclosure and Optimization- Material Ingredients:

Option 2 International Alternative Compliance Path- Reach Optimization

Option 2 The Globally Harmonized System of Classification and Labeling of Chemicals

**Materials and Resources (MR): Building Life-Cycle Impact Reduction:**

Option 1 or Option 2: By applying our coatings to provide a fire rating to existing assemblies it is possible to contribute points to Building Reuse.

**Indoor Environmental Quality: Low Emitting Materials, Adhesives and Sealants**

- VOC content requirements for wet applied products

The following listed VOC of Coatings and Firestop System materials are lower than LEED® requirements.

| <u>Product Code of Firestop System</u> | <u>VOC Limit</u> | <u>VOC (g/l)</u> |
|--|------------------|------------------|
| INSS2460 Silicone Fire Barrier Sealant | 250              | 41.7             |
| INSS1440 Fire Barrier Caulk            | 250              | 17.60            |
| INSS0285 Smoke and Acoustic            | 250              | 13.8             |
| INSS1186 Elastomeric Sealant           | 250              | 1.10             |
| FM011 Moldable Firestop Putty          | 250              | 38.3             |
| FM012 Firestop Putty                   | 250              | 33.6             |
| Putty Pad                              | 250              | 28.9             |
| US110 Fire Barrier Foam – Part A       | 250              | 6.33             |
| US110 Fire Barrier Foam – Part B       | 250              | 3.69             |
| US150 Fire Barrier Foam – Part A       | 250              | 89.4             |
| US150 Fire Barrier Foam – Part B       | 250              | 67.2             |
| DC315 Intumescent Coating              | 50               | 18.6             |
| DC360 Intumescent Coating              | 50               | 6.24             |

- General Emissions Evaluation for paints and coatings applied to walls, floors, and ceilings
  - DC315 and DC360 Intumescent Coatings in accordance with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017

**Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:**

| Exposure Scenario <sup>1</sup> | Individual VOCs of Concern <sup>2</sup> |            | Formaldehyde <sup>3</sup> |            | TVOC <sup>4</sup>       |
|--------------------------------|---|------------|---------------------------|------------|-------------------------|
|                                | Criterion                               | Compliant? | Criterion                 | Compliant? |                         |
| School Classroom               | ≤½ Chronic REL                          | YES        | ≤9.0 µg/m <sup>3</sup>    | YES        | ≤ 0.5 mg/m <sup>3</sup> |
| Private Office                 | ≤½ Chronic REL                          | YES        | ≤9.0 µg/m <sup>3</sup>    | YES        | ≤ 0.5 mg/m <sup>3</sup> |

Please contact IFTI for any questions or additional documentation.

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