Submittal Packet - Concrete - PT/Slab

1. Plan Set Details "Typical" Conditions for Flat Concrete Substrate with links to UL Listed Assemblies and Safti-Seal Detailed Safti-Frame or Safti-Strip Assemblies

2. Product Profiles with links to Profile Submittal Sheets commonly used for Flat Concrete Substrate

3. Documentation:
   a. STC
   b. Safti-Seal LEED Information

***Click on Blue Highlighted to follow Direct Links***

Additional Assemblies, Solutions, & Information available at www.saftiseal.com

Header Assemblies - HJC Clip
Backing Assemblies - NSB & FBP
Installation, Recommendations, Repair
Chemical Compatibility with Sealants
Material Safety Data Sheets
Buy American Act Certification

Assembly and Product Certifications and LeedS

UL, ASTM & Code Standards
UL2079 (5th Edition) & CAN/ULC S115
ASTM E814, E1966, E2837
A1003, A653, A924, C645, C754, C955
Sound Tested according to ASTM E90-09
2012 & 2015 IBC

Leed Points
MR 2.1 & 2.2 - Construction Waste: up to 2pts
MR 4.1 & 4.2 - Recycled Content: up to 2 pts
MR 5.1 & 5.2 - Regional Proximity
EQ 4.1 - Low Emitting Materials
EQ 9 - Enhanced Acoustical

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**Single Wall**
SaftiSeal Detail: **PT1**  
UL Ref. **HW-D-0498**

**Chase Wall**
SaftiSeal Detail: **PT2**  
UL Ref. **HW-D-0505**

**Stairwell/Floor Line Control Joint**
SaftiSeal Detail: **PT4**  
UL Ref. **HW-D-0543**

**Sound Wall - Resilient Channel**
SaftiSeal Detail: **VM11**  
UL Ref. **HW-D-0498**

**Shaft Wall**
SaftiSeal Detail: **PT3**  
UL Ref. **HW-D-0496**

**Vertical Joint - Concrete**
SaftiSeal Detail: **VM1**  
UL Ref. **WW-S-0055**
Project Submittal – Concrete - PT/Slab

7 Concrete Beam Edge
SafiSeal Detail: PT5
UL Ref. HW-D-0498

8 Concrete Beam Penetration
SafiSeal Detail: PT7
UL Ref. HW-D-0498

9 Fire Rated Control Joints
SafiSeal Detail: VM27
WFCi Ref. Report #12033

10 Fire Rated Reveal Trims
SafiSeal Detail: VM7
WFCi Ref. Report #12142

11 Bottom of Wall
SafiSeal Detail: PT6
UL Ref. BW-S-0021

12 Notched Strong Back Backing
SafiSeal Detail: PS51
See Load Tables

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DSL2 - Single Wall

SL1 - Chase Wall

DL2 - Single Wall

DL1 - Chase Wall

JR - Shaft Wall

RCS - Resilient Channel

OSA - Bypass Cavity Obstructions

OAN - Bypass Cavity Obstructions
<table>
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<td>HJC</td>
<td>Header, Jamb, Cripple Clip</td>
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**Safti-Seal Benefits**

- Safti-Strip "gasket" Joint Protection
- Direct Attachment - No Caulk at Substrate
- Reduced Sound Transfer
- Sound Dampened Metal Profiles
- Exposed Head of Wall and Deflection Gaps
- Level III Dynamic Cycle (seismic) Rated
- Lifetime Protection - No Joint Fatigue

**Safti-Seal Tested Wall Assemblies**

- **STC - 51**
  - Single Wall Unbalanced - (TL 17-289)

- **STC - 55**
  - Single Wall Balanced - (TL 17-288)

- **STC - 63**
  - Chase Wall Unbalanced - (TL 17-293)

- **STC - 64**
  - Chase Wall Balanced - (TL 17-292)

1/2" to 3/4" Exposed Deflection Gaps
5/8" Type X Gypsum Sheathing
3 1/2" Fiberglass Insulation Cavity Fill

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LEED (Leadership in Energy and Environmental Design)

The following information is provided to assist Architects and Persons responsible for obtaining a U.S. Green Building Council (USGBC) Certification.

Safti-Seal Strip and Safti-Frame composite steel/Safti-Strip profiles are manufactured in Auburn, WA and consist of a ratio of steel to Safti-Strip (by weight) of approximately 90% and 10% respectively. Our product profiles qualify for the following credit requirements:

**Steel:**

**Credit MR 2.1 & 2.2** - Construction Waste Management: up to 2 points

**Credit MR 4.1/4.2** – Recycled Content Requirements

Steel used in the manufacture of our steel profiles contains approximately 32.3% recycled steel consisting of 25.5% Post-Consumer and 6.8% Pre-Consumer.

**Credit MR 5.1/5.2** – Regional Materials Requirements (Applies for some projects)

Steel used in the manufacture of our steel profiles is purchased from sources within 500 miles of our manufacturing facility (Auburn, WA). Steel may contain local materials and recycled content, not all of the steel content generally comes from local sources.

**Safti-Strip:**

**Credit EQ 4.1** – Low Emitting Materials: Adhesives & Sealants

Cured Safti-Strip and adhesives used in the manufacture of our profiles contain less than 10 g/l volatile organic compounds (VOC) and comply with limits established by the South Coast Air Quality Management District (SCAMQD) Rule #1168, and the Bay Area Air Quality Management District Regulation 8, Rule 51.

**Credit EQ 9** – Enhanced Acoustical

**Why is there no LEED Certification on the product label?**

According to USGBC: “USGBC certifies buildings, not the materials that are used to construct the buildings. Only USGBC can use the LEED logo. All others violate USGBC’s registered trademark rights.”

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