

SECTION 077250 ROOF & WALL SPECIALTIES  
PIPE & PENETRATION FLASHING SYSTEM

Part 1 GENERAL

- 1.1 Pipe, conduit, cable, and duct penetrations through exterior, parapet & roof top utility walls.
- 1.2 Related Sections  
07700, 230531, 262716, 271116
- 1.3 References
  - A) ASTM E 1980 (SRI)
  - B) FEMA P749 SEISMIC
- 1.4 SUBMITTAL
  - A. Submit under provisions of Section 01 30 00 – Administrative Requirements
  - B. Product Data: Manufacturer’s data sheets on each product to be used.
  - C. Shop drawings: physical size, installation, and working space required
  - D. Proof of product liability insurance.
- 1.5 Quality Assurance  
Manufacturer – Product to be manufactured by an ISO 9000 facility
- 1.6 Delivery, Storage, and Handling
  - A. Deliver and store products in manufacturer’s original packaging bearing the brand name and manufacturer’s identification until ready for installation.
  - B. Handle materials to avoid damage. Protect from construction conditions.
- 1.7 Warranty – Product to carry 20-year Limited Insured Warranty
- 1.8 Acquisition of material – MEP Contractors responsible for purchase & installation of all material depending on trade. In the event of multiple trade penetrations, cost to be split accordingly.

Part 2 Products

- 2.1 Manufacturer’s
  - A) Acceptable manufacturer Roof Penetration Housings, LLC - 1-800-004-0945 Tomk@roofpenetrationhousings.com
  - C) Substitutions – See section 016000
- 2.2
  - A) The Wall Vault® (Patent Pending) by Roof Penetration Housings, LLC

## B) Construction

1. Wall flange is Stainless Steel, Cover is Aluminum
2. 85 SRI finish – Beige (Optional 100% White available)
3. Stainless, V.P. Fasteners to attach Frame To Cover (Note Fastener from Frame to Wall by Contractor to be compatible to Wall Surface).
4. Gasket Between Wall & Frame to be Adhesive Butyl, & between Cover & Frame to be Sil-X-14
5. Sil-X-14 Gasket & Aluminum Exit Seals  
Series 5000 - .25-1.9" Penetrant O.D.  
Series 6000 – 2.0-3.5" Penetrant O.D.  
Series 7000- 3.5"+ Penetrant O.D. Double Flange on Larger Diameter
6. Seismic Compatibility available. Local engineer to provide data to RPH

## C) Size

Standard – 17 ½" H x 10 W To Accommodate 5-Series 5000 Exit Seals  
Custom Sizes Available – Contact Manufacturer 1-800-994-0945

## Part 3 Execution

### 3.1 Examination

- A) Inspect Wall Surface for Readiness

### 3.2 Preparation

- A) Clean Wall Surface and Sand Surface to Smooth Finish to Accept Gasket Adherence

### 3.3 Installation

- A) Install in Accordance with Manufacturer's Instructions
- B) Wall Vault® Installed by Appropriate MEP Contractor
- C) See Instructions on Website and in Wall Vault® Packaging

### 3.4 Protection

- A) Protect Installed Products
- B) Return Warranty Card to Manufacturer  
P.O. Box 461024, San Antonio, Texas 78246