

SECTION 07 71 00 - ROOF SPECIALTIES

PART I - GENERAL

1.1 WARRANTY

- A. Provide a 2 year Contractor Installation Warranty.

PART 2 - PRODUCTS

2.1 ROOF ACCESSORIES

- A. Roof Bucks: Roof bucks are preferred over rails. Buck shall be anchored to deck and isolated from existing roofing to keep water in existing system from getting to new penetration.
- B. Rails: If rails are used a minimum of 3 feet is necessary between the roof and the bottom of the unit being mounted.
- C. Roof Hatches: Cover and curb shall be 11-gage aluminum complete with 1-inch insulation protected by 11-gage aluminum liner. Provide with thermoplastic rubber gasket. Operators shall be compression springs enclosed in telescopic tubes with inside latch release. Curb shall be insulated and aluminum lined with integral counterflashing to receive membrane base flashing. Provide interior lockable assembly. Curb shall be a minimum of 16 inches.

2.2 CONCRETE PAVERS

- A. Walking Surfaces: Pavers for walking surfaces shall be minimum 2-feet by 2-feet by 2-inches. There shall be a minimum of 2 inches between pavers for water to run through. The pavers shall be set on a protective pad at least 45-mil thick.
- B. Supports: Pavers for supports such as conduit or lightning protection cable shall be a minimum of 8-inches by 16-inches by 2-inches.
 - 1. Weight supported shall not be capable of crushing insulation; otherwise a pipe support shall be anchored to the roof deck and flashed.
 - 2. If pavers are used on EPDM system, they shall have a pad adhered to the bottom of the paver that is a minimum of 45-mil thick.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Heights for Bucks and Rails: A minimum of 8-inches shall be maintained between top of roof system and bottom of counterflashings.

END OF SECTION 07 71 00

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.