

**GUIDE SPECIFICATION  
IBP GLASS BLOCK GRID SYSTEM™ FOR SKYLIGHTS**

**PART 1 - GENERAL**

- 1.1. Scope
  - 1.1.1. Furnish and install aluminum skylight grid(s), glazing materials, glass block boots, sealants, curbs, flashings, and other items necessary for complete skylight installation as indicated on the drawings and specified herein.
  - 1.1.2. Related work specified elsewhere:
    - 1.1.2.1. Glass and Glazing
    - 1.1.2.2. Sealants
    - 1.1.2.3. Flashings
- 1.2. Guarantee
  - 1.2.1. Skylight manufacturer shall guarantee for a period of one year from the date of purchase that the skylights will be free of defects in materials and factory workmanship, and that defective materials will be repaired or replaced immediately, after proper notification.
  - 1.2.2. The installing contractor shall guarantee for a period of three years against faulty installation workmanship or water leakage due to on-site errors
- 1.3. Submittals
  - 1.3.1. Submit assembly instructions and installation drawings as required to indicate methods on construction, location and spacing of anchorage, joinery, finishes, sizes, shape, thickness and alloy materials, glazing materials, and relationship to the adjoining work.
- 1.4. Material Storage and Handling
  - 1.4.1. Store material in dry place, off the ground, where temperature will not exceed 90 degrees Fahrenheit.
  - 1.4.2. Handle material to prevent damage to finished surfaces. Do not install scratched or damaged components.
  - 1.4.3. After installation, protect finished surfaces from damage caused by ensuing work.

**PART 2 - PRODUCTS**

- 2.1. Materials
  - 2.1.1. IBP Glass Block Grid System™: extruded aluminum Glass Block Grid System for skylights as manufactured by Innovative Building Products, Inc., 2917 W. 7th Street, Fort Worth, TX, 76107, 817/332-9124 or 800/932-2263.
  - 2.1.2. Glass Block Boots.
  - 2.1.3. Sealant: TradeMate®Glass Block Sealant.

- 2.1.4. Fasteners: Tamper-proof Cadmium plated steel for attaching skylight perimeter frame to curb.
- 2.1.5. Finish: Selected from manufacturer's standard finishes and colors.
- 2.1.6. Glass block units: 7 3/4" x 7 3/4" x 3 1/8" thick, partially evacuated hollow units, made of clear or colored glass as manufactured by Pittsburgh Corning, Solaris, Mulia or Weck.

### **PART 3 - EXECUTION**

- 3.1. Field Conditions
  - 3.1.1. Verify all applicable field dimensions and adjust as necessary to accommodate skylight frame.
  - 3.1.2. Examine supporting curb and structural support to which skylight frame will be attached. Correct any conditions which are not constructed according to installation instructions furnished by skylight manufacturer.
- 3.2. Installation
  - 3.2.1. Assemble and seal glass block grid system for skylight according to instructions furnished by manufacturer.
  - 3.2.2. Apply continuous sealant bead around top of skylight supporting curb. Place assembled glass block grid system frame on curb and press down to seat properly and overlap flashings. Attach frame to curb with specified fasteners and tighten.
  - 3.2.3. Insert glass block into glass block boot according to instructions furnished by glass block grid system manufacturer. Carefully insert glass blocks into grid system from exterior side of skylight so that each block is pressed against T-Bar.
  - 3.2.4. Apply sealant to completely fill channel around each glass block and wipe flush with surface. Apply sealant to frame caps according to instructions furnished by grid system manufacturer.
- 3.3. Clean-up
  - 3.3.1. Clean all exposed surfaces of aluminum glass block grid system with clean, soft cloth and mild hand soap using gentle rubbing action. Do not use abrasive or solvent-type cleaners, detergents, or paint removers.
  - 3.3.2. Remove all labels from glass block and clean with soft cloth and water.

**\*\*\*END OF SECTION\*\*\***