

**CleanCove PRODUCT SPECIFICATION**  
**DIVISION 13 21 13 Cleanrooms**

**PART 1: GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings, General and Supplementary Conditions and Division 1 apply to Work specified in this section.

**1.2 DESCRIPTION OF WORK**

- A. Furnish and install extruded aluminum coving as manufactured by Gordon Cleanroom Products for transition from cleanroom ceiling grid to wall, and at wall inside corner locations as indicated on drawings, including notes and details. The installed coving system shall provide a smooth, cleanable transition at inside corner locations in the cleanroom, necessary for GMP compliance.

**1.3 WORK INCLUDED**

- A. Work on this Section includes the installation of the cleanroom coving system including but not necessarily limited to the following:
  - 1. Aluminum cleanroom coving with vinyl anchor strips: As specified in this Section.
  - 2. Sealing of all joints and seams.

**1.4 RELATED WORK**

- A. Cleanroom ceiling system: As specified in Division 13.
- B. Cleanroom wall system: As specified in Division 13.
- C. Lay-in cleanroom ceiling blank panels: As specified in division 13.

**1.5 PERFORMANCE**

- A. Completed coving installation shall be capable of providing cleanroom cGMP compatibility rating as required and indicated for area installed.

**PART 2: PRODUCT**

**2.1 ACCEPTABLE MANUFACTURER**

- A. Gordon, Inc. "CleanCove"

**2.2 COVING SYSTEM AND ATTACHMENT MATERIALS**

- A. CleanCove Coving System
  - 1. CleanCove – The Coving shall be extruded aluminum alloy 6063, temper T5 with Gordon's standard Cleanroom White powder coat finish. Cove profile shall have a continuous ribbed spine for attachment to the vinyl anchor strip affixed to the 90-degree inside corner where the ceiling meets the wall or in wall corners.
  - 2. Vinyl Anchor Strip - An extruded vinyl anchor strip with serrated boss to receive the ribbed spine of the extruded aluminum CleanCove shall be fastened into the wall inside corners or where the ceiling meet the walls.

3. 3-way Inside Corner Assembly - Manufacturer shall supply factory mitered and welded 3-way inside corner assembly for installation at wall inside corner to ceiling locations to provide a smooth, cleanable inside corner surface.
4. Sealing – All seams and joints of the installed CleanCove coving system shall be sealed with an owner-approved sealant caulk, color white.

### PART 3: INSTALLATION

#### 3.1 CleanCove SYSTEM INSTALLATION

##### A. VINYL ANCHOR STRIP INSTALLATION

1. Install vinyl anchor strip securely in the wall corner or wall-to-ceiling corner, beginning approximately 3 inches from the inside corner intersection where walls and ceilings meet.
2. Anchor strips may be attached to the wall using flat head screws or heavy-duty polyolefin double-side tape.

##### B. 3-WAY INSIDE CORNER INSTALLATION

1. Apply a bead of white, owner-approved caulk sealant to the flat surface on the back edge of the 3 “arms” of the aluminum CleanCove extrusions that form the 3-way inside corner assembly.
2. Position the 3-way inside corner assembly so that the ribbed spines on the back of the assembly can snap into the serrated boss on the vinyl anchor strips.
3. Press the corner assembly firmly and securely into the vinyl anchor strip serrated boss.
4. Caulk the inside corner seams and wipe off excess caulk from the corner edges, taking care to leave a smooth seam free of surface imperfections.

##### C. CleanCove INSTALLATION

1. Using a cut-off saw with carbide tip blade, cut CleanCove extrusion to the appropriate length to form a continuous cove abutting the ends of the legs of the 3-way inside corner assembly.
2. Apply a bead of white, owner-approved caulk sealant to the flat surfaces on the back edge of the CleanCove extrusion.
3. Position the CleanCove so that the ribbed spines on the back of the extrusion can snap into the serrated boss on the anchor strips.
4. Press the CleanCove firmly and securely into the vinyl anchor strip serrated boss.
5. Caulk the butt splice seam and wipe off excess caulk from the CleanCove edges, taking care to leave a smooth seam free of surface imperfections.

#### 3.2 INSTALLATION GENERAL

- A. Coordinate all work with other trades to be performed in or on ceiling and wall systems.