# SECTION 01730

# EXECUTION REQUIREMENTS

## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

A. Construction Drawings, Technical Specifications, Addenda, and general provisions of the Contract, including Contract General Conditions and Supplementary General Conditions and other Division 1 Specification Sections, apply to this Section.

### 1.2 SECTION INCLUDES

A. General requirements for installing, applying and placing products.

B. General requirements for correction of defective Work.

### 1.3 RELATED SECTIONS

A. Section 01312 - Project Meetings: Pre-installation and coordination conferences where procedures for installing, applying and placing products are reviewed prior to performance of the Work.

B. Individual Division 02 through 33 Product Specification Sections: Specific requirements for installing, applying and placing products.

### 1.4 EXECUTION

A. Manufacturer's Requirements: Contractor shall determine product manufacturer's requirements and recommendations prior to commencing Work.

B. Execution: Contractor shall perform installation, application and placement actions according to manufacturer's instructions and recommendations and according to specified procedures.
   1. Contractor shall perform surface preparation as necessary to create suitable substrates for application, installation and placement of products.
   2. Contractor shall notify University's Representative in writing of unsuitable conditions preventing proper performance of the Work.

## PART 2 - PRODUCTS

Not Applicable to this Section.

## PART 3 - EXECUTION

### 3.1 INSTALLATION, APPLICATION AND PLACEMENT OF PRODUCTS

A. Manufacturer's Instructions: Contractor shall comply with manufacturer's written instructions and recommendations for installing, applying, placing and finishing products.

B. Installation, Application and Placement, General: Contractor shall locate the Work and components of the Work accurately, in correct alignment, orientation and elevation, as indicated.
   1. Contractor shall make vertical work plumb and make horizontal work level.
   2. Where space is limited, Contractor shall install components to maximize space available for maintenance and ease of removal for replacement.
   3. Contractor shall conceal pipes, ducts, and wiring in finished areas, unless otherwise indicated.

4. Contractor shall maintain minimum headroom clearance of 8 feet (2.4 m) in spaces without a suspended ceiling, unless otherwise directed.
5. Contractor shall install products at the time and under conditions that will ensure the best possible results. Contractor shall maintain conditions required for product performance until acceptance of the Work.
6. Contractor shall conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.

C. Tools and Equipment: Contractor shall not use tools or equipment that produce harmful noise levels.

D. Anchors and Fasteners: Contractor shall provide anchors and fasteners as required to anchor each component securely in place, accurately located and aligned with other portions of the Work.
1. Mounting Heights: Where mounting heights are not indicated, Contractor shall mount components at heights directed by Architect.
2. Contractor shall allow for building movement, including thermal expansion and contraction.

E. Joints: Contractor shall make joints of uniform width. Where joint locations in exposed work are not indicated, Contractor shall arrange joints for the best visual effect. Contractor shall fit exposed connections together to form hairline joints.

F. Hazardous Materials: Contractor shall use products, cleaners, and installation materials that are not considered hazardous.

G. Cleaning: Contractor shall comply with requirements specified in Section 01740 - Cleaning Requirements. See individual product Specifications Sections for specific cleaning procedures to be performed.

H. Protection: Contractor shall provide barriers, covers and other protective devices as recommended by manufacturer and complying with general requirements specified in Section 01560 - Temporary Barriers and Enclosures.
1. Contractor shall comply with manufacturer's written instructions for temperature and relative humidity.
2. See individual product Specifications Sections for specific protective measures to be provided.

I. Limiting Exposures: Contractor shall supervise construction operations to assure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

## 3.2 OWNER-INSTALLED PRODUCTS

A. Site Access: Contractor shall provide access to Project site for University's construction forces and those performing work for University under separate contracts. Contractor shall coordinate with requirements specified in Section 01550 - Vehicular Access and Parking.

B. Coordination: Contractor shall coordinate construction and operations of the Work with work performed by University by separate contract or with University's construction forces.
1. Construction schedule: Contractor shall inform University's Representative of Contractor's preferred construction schedule for University-installed work. Contractor shall adjust construction schedule based on a mutually agreeable timetable. Contractor shall notify University's Representative if changes to schedule are required due to differences in actual construction progress.
2. Pre-installation and coordination conferences: Contractor shall include University's construction forces at pre-installation and coordination conferences covering portions of the Work that are to receive University-installed work. If portions of the Work depend on University-installed products, Contractor shall attend pre-installation conferences conducted by University's construction forces.

## 3.3 CORRECTION OF THE WORK

A. Correction of the Work, General: Contractor shall repair or remove and replace defective construction. Contractor shall restore damaged substrates and finishes to match original and new surrounding construction.
   1. Contractor shall comply with requirements in Section 01732 - Cutting and Patching Procedures.
   2. Repairing shall include replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.
   3. Contractor shall remove and replace damaged surfaces that are exposed to view if surfaces cannot be repaired without visible evidence of repair.
   4. Contractor shall repair components that do not operate properly. Remove and replace operating components that cannot be repaired.
   5. Contractor shall remove and replace chipped, scratched, and broken glass.

B. Restoration of Existing Conditions: Contractor shall restore permanent facilities used during construction to their original condition or to match new construction.

**END OF SECTION**