

**SECTION 26 0533.23**  
**SURFACE RACEWAYS FOR ELECTRICAL SYSTEMS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Surface raceway systems.

**1.02 ADMINISTRATIVE REQUIREMENTS**

- A. Coordination:
1. Coordinate the placement of raceways with millwork, furniture, equipment, etc. installed under other sections or by others.
  2. Coordinate rough-in locations of outlet boxes provided under Section 26 0537 and conduit provided under Section 26 0534 as required for installation of raceways provided under this section.
  3. Verify minimum sizes of raceways with the actual conductors and components to be installed.
  4. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.
- B. Sequencing:
1. Do not install raceways until final surface finishes and painting are complete.
  2. Do not begin installation of conductors and cables until installation of raceways is complete between outlet, junction and splicing points.

**1.03 SUBMITTALS**

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets including dimensions, knockout sizes and locations, materials, fabrication details, finishes, service condition requirements, and accessories.
1. Surface Raceway Systems: Include information on fill capacities for conductors and cables.

**PART 2 PRODUCTS**

**2.01 RACEWAY REQUIREMENTS**

- A. Provide all components, fittings, supports, and accessories required for a complete raceway system.

**2.02 SURFACE RACEWAY SYSTEMS**

- A. Manufacturers:
1. Hubbell Incorporated; \_\_\_\_\_: [www.hubbell.com/](http://www.hubbell.com/)
  2. MonoSystems, Inc; \_\_\_\_\_: [www.monosystems.com/](http://www.monosystems.com/)
  3. Wiremold, a brand of Legrand North America, Inc; \_\_\_\_\_: [www.legrand.us/](http://www.legrand.us/)
- B. Surface Metal Raceways: Listed and labeled as complying with UL 5.
- C. Multioutlet Assemblies: Listed and labeled as complying with UL 111.
- D. Surface Raceway System:
1. Raceway Type: Two channel, painted steel.
  2. Length: As indicated on the drawings.
  3. Color: Match adjacent finish.
  4. Accessory Device Boxes: Suitable for the devices to be installed; color to match raceway.
  5. Integrated Device Provisions:
    - a. Receptacles:
      - 1) Configuration: As indicated on the drawings.
    - b. Communications Outlets:
      - 1) Voice and Data Jacks: As specified in Section 27 1005.
      - 2) Configuration: As indicated on the drawings.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify that field measurements are as indicated.
- B. Verify that mounting surfaces are ready to receive raceways and that final surface finishes are complete, including painting.
- C. Verify that conditions are satisfactory for installation prior to starting work.

#### **3.02 INSTALLATION**

- A. Install products in accordance with manufacturer's instructions.
- B. Perform work in accordance with NECA 1 (general workmanship).
- C. Install raceways plumb and level.
- D. Secure and support raceways in accordance with Section 26 0529 at intervals complying with NFPA 70 and manufacturer's requirements.
- E. Close unused raceway openings.
- F. Provide grounding and bonding in accordance with Section 26 0526.

#### **3.03 FIELD QUALITY CONTROL**

- A. Inspect raceways for damage and defects.
- B. Surface Raceway Systems with Integrated Devices: Test each wiring device to verify operation and proper polarity.
- C. Correct wiring deficiencies and replace damaged or defective raceways.

#### **3.04 CLEANING**

- A. Clean exposed surfaces to remove dirt, paint, or other foreign material and restore to match original factory finish.

#### **3.05 PROTECTION**

- A. Protect installed raceways from subsequent construction operations.

END OF SECTION