The School District of Palm Beach County Project Name SDPBC Project No.

SECTION 07 95 13 EXPANSION JOINT COVER ASSEMBLIES

PART 1 GENERAL

- 1.1 SECTION INCLUDES
 - A. Expansion joint assemblies for floor, wall and ceiling surfaces
- 1.2 REFERENCES
 - A. ASTM B221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes
 - B. ASTM B308/B308M Standard Specification for Aluminum-Alloy, 6061-T6 Standard Structural Profiles
 - C. ASTM B455 Standard Specification for Copper-Zinc Lead Alloy (Leaded Brass) Extruded Shapes
 - D. FBC Florida Building Code
- 1.3 SUBMITTALS
 - A. Submit under provisions of Section 01 33 00
 - B. Shop Drawings: Indicate joint and splice locations, miters, and layout of the work, affected adjacent construction, and anchorage locations.
 - C. Product Data: Provide joint assembly profiles, profile dimensions, anchorage devices, available colors, and finish.
 - D. Submit two samples 12" long, illustrating profile, dimension, color, and finish selected.
 - E. Manufacturer's Installation Instructions: Indicate rough-in sizes; provide templates for cast-in or placed frames or anchors; required tolerances for item placement.
- 1.4 FIELD MEASUREMENTS
 - A. Verify that field measurements are as instructed by the manufacturer.

PART 2 PRODUCTS

- 2.1 MATERIALS
 - A. Extruded Aluminum: ASTM B221, 6005 alloy, T5 temper; MIL AA-MIO or clear anodized AA C22A41
 - B. Resilient Filler: Neoprene, exhibiting Shore A hardness of 40 50 Durometer.
 - C. Threaded Fasteners: Aluminum
 - D. Backing Paint: Asphaltic type
- 2.2 FABRICATION
 - A. Joint Covers: Aluminum cover plate, aluminum frame construction, retainers with resilient neoprene filler strip, designed to permit plus or minus 50% joint movement with full recovery, flush and recess mounted.
 - B. Back paint components in contact with cementitious materials.
 - C. Galvanize embedded ferrous metal anchors and fastening devices.
 - D. Shop assembled components and package with anchors and fittings.
 - E. Provide joint components in single length wherever practical. Minimize site splicing.
- 2.3 FINISHES
 - A. Floors: Mill finish
 - B. Walls and Ceilings: Clear anodized
 - C. Resilient Filler Exposed to View: Gray

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PART 3 EXECUTION

- 3.1 EXAMINATION
 - A. Verify existing conditions under provisions of Section 01 31 00.
 - B. Verify that joint preparation and affected dimensions are acceptable.
- 3.2 PREPARATION
 - A. Provide anchoring devices for installation and embedding.
 - B. Provide templates and rough-in measurements.
- 3.3 INSTALLATION
 - A. Install components and accessories in accordance with manufacturer's instructions.
 - B. Align work plumb and level, flush with adjacent surfaces.
 - C. Rigidly anchor to substrate to prevent misalignment.
 - D. Provide rated units where required.
- 3.4 PROTECTION OF FINISHED WORK
 - A. Protect finished Work under provisions of Section 01 50 00.
 - B. Do not permit traffic over unprotected floor joint surfaces.
 - C. Provide removable strippable coating to protect finish surface.

END OF SECTION