

SECTION 07901 - JOINT SEALANTS

A. SUMMARY

1. Exterior Joints in Vertical Surfaces and Nontraffic Horizontal Surfaces:
 - a. Cast-in-place concrete.
 - b. Between architectural precast concrete units.
 - c. Control and expansion joints in unit masonry.
 - d. Stonework set without mortar.
 - e. Stonework set with mortar, including copings and cornices.
 - f. Between concrete, precast concrete, and stonework.
 - g. Perimeter joints between concrete, precast concrete, and stonework and frames of doors and windows.
 - h. Ceiling and overhead surfaces.
2. Exterior Joints in Horizontal Traffic Surfaces:
 - a. Brick pavers.
 - b. Cast-in-place concrete slabs.
 - c. Between architectural precast concrete paving units.
 - d. Stone paving units, including steps.
 - e. Tile control and expansion joints.
 - f. Between brick pavers, concrete slabs, precast concrete paving, stone paving, and tile.
3. Interior Joints in Vertical Surfaces and Horizontal Nontraffic Surfaces:
 - a. Exposed interior surfaces of exterior walls.
 - b. Perimeter joints of exterior openings.
 - c. Between tops of masonry walls and underside of concrete slabs and beams.
 - d. Tile control and expansion joints.
 - e. Vertical control joints on exposed surfaces of unit masonry and concrete walls.
 - f. Underside of precast beams and planks.
 - g. Perimeter joints between interior wall surfaces and frames of interior doors, windows, and elevator entrances.
 - h. Perimeter joints of toilet fixtures.
4. Interior Control and Expansion Joints in Horizontal Traffic Surfaces:
 - a. Cast-in-place concrete.
 - b. Stone flooring.
 - c. Brick flooring.
 - d. Tile flooring.

B. QUALITY ASSURANCE

1. Preconstruction compatibility and adhesion testing.

2. Product testing.
3. Preconstruction field testing.
4. Construct mockups.

C. MATERIALS

1. Elastomeric Sealants: [Polysulfide] [Neutral-curing silicone] [Acid-curing silicone] [Urethane].
2. Solvent-Release-Curing Sealants: [Acrylic] [Butyl] [Pigmented narrow joint].
3. Latex Sealants: [Acrylic emulsion] [Silicone emulsion].
4. Acoustical Sealant: [Latex] [Synthetic rubber].
5. Butyl-based tape sealant.
6. Preformed foam sealant.
7. Joint Sealant Backing: [Plastic-foam filler] [Elastomeric tubing] [Bond-breaker tape].

D. JOINT SEALANT SCHEDULE

1. <Insert requirements for each type of sealant.>

END OF SECTION 07901