

SECTION 07905 - PAVING JOINT SEALANTS

A. SUMMARY

1. Expansion and contraction joints within portland cement concrete paving.
2. Joints between portland cement concrete paving and asphalt paving.

B. QUALITY ASSURANCE

1. Preconstruction compatibility and adhesion testing.
 - a. Joints at all new materials.
 - b. Joints where new materials meet existing materials.
2. Product testing.

C. MATERIALS

1. Cold-Applied Joint Sealants:
 - a. Two-Part, for Concrete: [**Urethane**] [**Coal-tar-modified polymer**] [**Bitumen-modified urethane**] formulation.
 - b. Silicone for [**concrete**] [**concrete and asphalt**].
 - c. Two-part, low-modulus for concrete and asphalt.
2. Hot-Applied Joint Sealants:
 - a. Elastomeric for concrete.
 - b. Sealant for concrete and asphalt.
 - c. Low-modulus for concrete and asphalt.
3. Joint Fillers: [**Self-expanding cork**] [**Cork**] [**Sponge rubber**] [**Bituminous fiber**].
4. Joint Sealant Backing: [**Backer rods**] [**Bond-breaker tape**].

END OF SECTION 07905