

3722 SILICONE JOINT SEALANT

3722.1 SCOPE

Provide a silicone joint sealant for use in concrete pavement joints and cracks to protect the pavement from intrusion of water and incompressible material.

3722.2 REQUIREMENTS

Provide silicone joint sealant meeting the requirements of ASTM D 5893 and the following:

- (1) Primer-less,
- (2) Low modulus,
- (3) Does not contain solvents or diluents that can cause shrinkage or expansion during curing,
- (4) Smooth and uniform in appearance with a consistency that allows application with air pressure guns or hand caulking applicators,
- (5) Capable of withstanding repeated joint movement from -50 percent to 100 percent without losing adhesion to the concrete and without cohesion failure, and
- (6) Listed on the Approved Products List.

3722.3 SAMPLING AND TESTING

Provide samples at rates and sizes meeting the requirements of the Schedule of Materials Control or as required by the contract.