



Silicone Sealants For Portland Cement Concrete Pavement Joints

A manufacturer may request for a product to be included on the Department's Qualified Product List (QPL) 8 by furnishing the following information to the SCDOT contact below:

For products to be eligible for use on federal-aid projects, a certification certifying compliance with SCDOT Supplemental Specification "Source of Production of Iron and Steel Products and Construction Materials" (Jan. 1, 2023) must be provided in addition to all other requirements. Certification may be submitted to the contact below requesting prequalification.

- (1) Certified test results from an independent laboratory verifying that the proposed silicone is in full compliance with all the requirements of the specifications. The submission shall be organized and clear in addressing each of the physical properties of this specification. The test results presented shall show the lot number of material tested and shall not be older than three (3) years. The test results shall be substantially descriptive of materials to be furnished for the project. A copy of the specification may be obtained from the contact person listed below or may be found in the applicable edition of the SCDOT Standard Specifications.
- (2) A certification stating that materials to be furnished will be equivalent to those tested and will not change without notification.
- (3) Complete instructions for installation.
- (4) A technical data sheet.
- (5) A materials safety data sheet.
- (6) A demonstration of installation procedures. The demonstration joints will be evaluated for failure for a period covering two winters before the source will be approved. In lieu of this, products evaluated by other State DOTs and found acceptable in their programs will be considered. The manufacturer shall describe in detail the demonstration project location, the type of material installed, the date of installation, and a DOT contact (name, email, and phone number) to verify the status and results of the demonstration.

SCDOT Contact:
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