

Qualified Products Policy 8

**Silicone Sealants
For Portland Cement Concrete Pavement Joints**

Only materials from sources appearing on the Department's qualified products listing, titled "Silicone Sealants for Portland Cement Concrete Pavement Joints," as of the project's bid date shall be used for that project. A manufacturer may request qualification by furnishing the following information to the Research and Materials Engineer:

- (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 at www.dot.state.sc.us/doing/const_man.html.
- (2) A certification stating that materials to be furnished will be equivalent to those tested and will not change without notification to the Department's Office of Materials and Research Engineer.
- (3) Complete instruction 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 Department's of Transportation 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 and phone number) to verify the status and results of the demonstration.

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