

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCT POLICY
STYRENE-BUTADIENE LATEX
FOR USE ON THIN OVERLAY PROJECTS
QUALIFIED PRODUCT LIST 12

This specification covers the qualification requirements for styrene-butadiene latex emulsions for use in concrete for thin-bonded bridge deck overlays. A styrene-butadiene emulsion is defined as a latex emulsion in which at least 90 percent of the non-volatiles are styrene-butadiene polymers used to protect new bridge decks from rapid deicer-borne chloride intrusion and also in bridge deck rehabilitation efforts.

Latex products shall be tested and evaluated by a qualified independent AASHTO accredited laboratory in accordance with FHWA Report RD-78-35. The manufacturer will be considered for inclusion after all necessary documents as noted in the FHWA Report RD 78-35 have been received by the Department's Office of Materials and Research.

To be qualified prior to the start of each project, it will be necessary for the manufacturer to furnish the Department's Office of Materials and Research certified test results in accordance with the certification of materials presentation (Section VII) of the Report FHWA Report RD-78-35. The manufacturer, contractor, and the Department's ***Resident Construction Engineer*** will then be notified when the proposed material is qualified for use for that particular project.

Requests for product qualification should be submitted to:

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