

**POLICY FOR HIGH PERFORMANCE POTHOLE PATCHING PRODUCTS
(QUALIFIED PRODUCT SHEET #43)**

South Carolina Department of Transportation (SCDOT)

In order for high performance pothole patching products to be qualified and placed on SCDOT Qualified Product No. 43, the product must satisfy the following specifications and procedures:

SPECIFICATIONS

High Performance Pothole Patching Products shall bond to existing pavements without using a tack coat in wet and dry conditions. They shall remain highly workable in sub-freezing temperatures down to 10°F. The maximum size stone shall be ¾" with the predominate size of ½" or smaller. These products shall be ready to use upon delivery without heating, blending or mixing.

Delivery shall be in plastic containers between 2 and 5-gallon capacity or in bulk stockpiles. Shelf life of containerized products shall be a minimum of 2 years. Bulk stockpiles shall remain workable in cold conditions for a minimum of 3 months. Material Safety Data Sheets (MSDS) shall accompany each delivery of the products.

INITIAL LABORATORY EVALUATION

Vendors desiring their product to be placed on SCDOT Qualified Product No. 43 will submit 50 pounds of the product along with a Preliminary Information for Product Evaluation form (945), a certification that the product meets SCDOT specifications and a MSDS to:

Cliff Selkinghaus
Asphalt Materials Manager
SCDOT Office of Materials and Research
1406 Shop Rd.
Columbia, SC 29201
Phone: (803)737-6700
E-mail: selkinghcb@scdot.org

The product will be evaluated in the lab for workability by placing enough of the product in a pan or other suitable container so that at least 6 inches of depth is achieved. The pan containing the product will then be placed in a freezer at 10°F for 4 hours. The product must be workable immediately upon removal from the freezer.

FIELD EVALUATION FOR STOCKPILED PRODUCTS

Once a product meets the initial laboratory approval, the stockpiled product will then need to be evaluated in the field by allowing a truckload to be exposed to outside conditions for a period of 3 months between December 15 and March 15. The product must remain in a workable condition after this exposure. The vendor will be required to furnish the truckload of product without reimbursement until it is approved. The Director of Maintenance office will make final evaluating and approval of this product. The contact person for the Director of Maintenance is:

David Cook
State Maintenance Engineer
SCDOT Director of Maintenance
955 Park Street
Columbia, SC 29202
Phone: (803) 737-1290
E-mail: cookdb@scdot.org

For all products, performance evaluation will consist of placing some of the product on a low volume road for 1 month. If this performance is satisfactory, additional product will be placed on a high traffic volume road for 2 months. If the product performs satisfactory and all other requirements of this approval policy are satisfied, it will be placed on SCDOT Qualified Product 43.

ANNUAL REAPPROVAL

In order to be reapproved each year, the vendor must submit an annual certification letter to the Department's State Maintenance Engineer stating that the product has not changed its original evaluated and approved formula. The annual certification letter must be received before October 31 of each year.