

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCT POLICY
FOR
MONOMOLECULAR POLYMER FILM PRODUCTS
QUALIFIED PRODUCT LIST 36

These products serve as a film to retard water evaporation on newly placed concrete flatwork during the finishing process. They help eliminate crusting, rapid water evaporation, reduce stickiness, underlying sponginess and protect against direct sun, wind, high temperatures, and low relative humidity, which are often the cause of plastic shrinkage cracking.

These products are water based and have no effect on the cement hydration process, concrete strengths, abrasion resistance, or durability of the concrete. They should be used in lieu of spray water for finishing purposes.

These products ARE NOT curing compounds and shall only be placed on the concrete surface during finishing and when there is water sheen on the concrete surface.

The manufacturer's instructions will be followed to dilute the concentrate and apply it properly to the concrete surface.

These products may be used in accordance with SCDOT project contract requirements or at the option of the contractor.

Requests to qualify a product, along with certificate of analysis, performance test results, and safety data sheet should be submitted to:

Caleb Gunter, PE
Structural Materials Engineer
SCDOT Research and Materials Laboratory
PO Box 191
Columbia, SC 29202
(803) 737-6694
Email: guntercb@scdot.org

When qualification criteria and verification that the product will be used in SCDOT work have been met, the material will be listed on Qualified Product List 36.