

January 2, 2013

**GROUT FOR POST-TENSIONING AND PRESTRESSED CORED SLABS**


Delete Subsection 704.2.6 and 704.2.7 of the Standard Specifications in their entirety and replace them with the following:

**704.2.6 Post-Tensioning Grout**

Use a commercial premixed grout specifically designed for grouting steel cables, anchorages, and rods meeting ASTM C 1107 requirements and approved in writing by the SME or BCE. Ensure that the commercial premixed grout is non-shrink, non-corrosive and non-metallic. At the option of the contractor a mixture of cement, water, and sand in the proportions of 1 bag of cement to 50 pounds of sand (all passing the No. 30 sieve) to about 5½ gallons of water may be used instead of the commercial premixed grout. Ensure that the sand and cement are from sources listed on the most recent editions of *SCDOT Qualified Products List 1* and *SCDOT Qualified Products List 6*. Ensure that water meets the requirements of **Subsection 701.2.11**. Use the amount of water necessary to provide a grout of the consistency of thick paint. The sand may be omitted if desired, but take care to obtain the consistency stated above. Mix the grout in a mechanical mixer for at least 2 minutes and keep it constantly agitated.

**704.2.7 Grout for Prestressed Cored Slabs**

Use a non-shrink, non-corrosive, and non-metallic grout meeting ASTM C 1107 requirements and approved in writing by the SME or BCE in the shear keys, dowel holes, and all recesses in the prestressed concrete of cored slabs that reaches a compressive strength of 5000 psi in 24 hours.

APPROVED: JAN 31, 2013  
Division Administrator  
By:   
FEDERAL HIGHWAY ADMINISTRATION