

SECTION 101

AIR-ENTRAINING ADMIXTURES

101.1 DESCRIPTION

A. General: Air-entraining admixtures shall be used as called for in the related specifications section herein for all concrete that will be exposed to repeated freeze and thaw cycles.

B. Related Work:

Section 40	Portland Cement Concrete Pavement
Section 50	Precast Concrete
Section 55	Cast in Place Concrete Structures
Section 56	Class M6 Concrete for Curb & Gutter and Flatwork
Section 58	Concrete Box Culvert
Section 60	Concrete Curb and Gutter
Section 61	Concrete Sidewalk, Curb Ramps and Detectable Warning Surfaces
Section 62	Drop Inlets
Section 63	Storm Sewer Junction Boxes and Manholes
Section 200	Controlled Low Strength Material
Section 203	Submittals

101.2 MATERIALS

Air-entraining admixtures for concrete shall be one hundred percent vinsol resin based or one of the products as listed on the SD DOT Approved Products List for air-entraining admixtures and shall conform to the requirements of AASHTO M 154, except as modified below:

Concrete having sufficient air-entraining admixture added to entrain 5 to 7% air shall have compressive strength at the age of 7 days of not less than 90% of the standard. The standard shall consist of a concrete of equal cement content, equal consistency, and of the same aggregates in adjusted proportions, but without the addition of an air-entraining admixture.

101.3 CONSTRUCTION REQUIREMENTS (not applicable)

101.4 METHOD OF MEASUREMENT

Air-entraining admixtures for concrete shall be as called for herein and shall be included in the individual bid item. There will be no separate measurement for air-entraining admixtures.

101.5 BASIS OF PAYMENT

Air-entraining admixtures for concrete shall be as called for herein and shall be included in the individual bid item. There will be no separate payment for air-entraining admixtures.

END OF SECTION