

## SECTION 905 – CONCRETE, MORTAR AND GROUT

### 905.05 PORTLAND CEMENT CONCRETE

#### (A). Composition of Mix.

Class of Concrete	Minimum Cement Content (bags per cu. yd. of Concrete, 94#/bag)	Maximum Water-Cement Ratio (lb/lb)	Minimum Compressive Strength (psi at 28 days)
S (Tremie)	7.0	0.577	2,000

The concrete mixture for Class S Concrete shall be based on a slump of  $7" \pm 2"$ .

### 909.02 FASTENERS

*Fastener for structural connections anchorages and other similar connections shall conform to the following requirements:*

#### (F) ADHESIVE ANCHORS

*The first paragraph is changed to the following:*

*Adhesive Anchors shall be galvanized steel anchor bolts conforming to the requirements of ASTM A36 or A307, or galvanized, high strength steel anchor bolts meeting the requirements of ASTM A325 or A449, set in drilled holes with an approved epoxy or polyester resin bonding agent. Where removable anchors are specified, the anchor bolt shall be Teflon coated prior to installation. Certified manufacturer's affidavit shall be furnished attesting to the pullout strength by proof loading to 90% of the yield of materials, of the various sizes and types of anchor bolts to be used.*

## SECTION 913 - PAINTS AND COATINGS

### 913.09 MOISTURE-CURE URETHANE COATING SYSTEM

The complete coating system of zinc-rich, single-component, moisture-cured polyurethane primer; micaceous iron oxide-filled, single-component, moisture-cured polyurethane intermediate coat; micaceous iron oxide-filled, single-component, moisture-cured, aliphatic polyurethane finish coat shall be as follows:

<u>Code #</u>	<u>Manufacturer</u>	<u>Primer</u>	<u>Intermediate</u>	<u>Finish</u>
MCU-2	Sherwin Williams	Corothane I Zinc Primer	Corothane I Iron Ox B	Corothane I Iron Ox A

Requests for an alternate paint system shall be done in accordance with