Sample project special: 506smpvc

02-03-11

REVISION OF SECTIONS 506 AND 7l2

SLOPE MATTRESS (PVC COATED)

Sections 506 and 7l2 of the Standard Specifications are hereby revised for this project as follows:

Subsection 506.l0 shall include the following:

**Pay Item Pay Unit**

Slope Mattress (PVC Coated) Cubic Yard

Subsection 7l2.09 shall include the following:

Polyvinyl chloride (PVC) coated slope mattress shall be made of wire conforming to subsection 712.09 except that the wire in the body of the mesh, selvage, tie, and connecting wire shall be Finish 5 Class 2 weight of zinc coating minimum. PVC coating shall be a minimum of 0.017 inch thickness. Color of PVC shall be black. The wire mesh for PVC coated slope mattress shall be l4-gage.

Resistance of PVC Coating: The protective coating shall be resistant to air and salt water and shall meet the following tests:

(1) Immersion of the wire for 20 hours in hydrochloric acid (solution composed of 50% H0 and 50% HCL concentration 2l baume-test temperature l5 °C) or immersion for 60 hours in a saturated solution of salt water at 60 °F without noticeable loss of weight due to corrosion of the coating material and without any reduction of the wire's diameter.

(2) Immersion of the wire for 20 hours in hydrochloric acid (same solutionas above) or immersion for 60 hours in a saturated solution of salt water at 60 °F without corrosion between wire and coating penetrating more than 3/8 inch from the cut end.

(3) The protective coating shall not be altered or deformed by temperatures ranging between 158 °F and -40 °F.