

ITEM 531

COLORED CONCRETE FOR SIDEWALKS AND WHEELCHAIR RAMPS

- 531.1 Description. This item shall govern for the furnishing and placing of colored concrete for sidewalks and wheelchair ramps in accordance with the details shown on the plans and the requirements of these specifications.
- 531.2 Materials. All materials shall conform with the requirements of Item 530, "Concrete Curb, Gutter, Curb and Gutter, Sidewalks and Driveways" with the following exceptions:
- A. Color Hardener. Bomanite or Lithochrome color hardeners, or approved equal is to be used. The color shall be as shown on the plans.
 - B. Colored Wax. Color wax complying with ASTM 309 as a curing membrane and with all applicable air pollution regulations is to be used.
- 531.3 Construction Methods. Any required excavation and backfill shall be done in accordance with Item 400, "Structural Excavation and Backfill", except for measurement and payment, and/or in accordance with Item 110, "Roadway Excavation" and 132, "Embankment".
- A. The concrete mix shall be placed and finished to the proper grade and wood floated to a uniform surface in accordance with Item 530, "Concrete Curb, Gutter, Curb and Gutter, Sidewalk and Driveways".
 - B. The colored hardener shall be applied evenly to the plastic surface by the dry-shake method using a minimum of 65 pounds per 12 square yards. It shall be applied in two separate applications, wood floated after each application and troweled only after the final floating.
 - C. While the concrete is still in the plastic stage of set, using forming tools approved by the Engineer, the concrete shall be patterned to create the surface as shown on the plans and as approved by the Engineer.
 - D. The colored curing and finishing compound used shall be thinned and applied in accordance with manufacturer's directions. The coverage shall be approximately 600-650 feet per gallon.
- 531.4 Measurement and Payment. This Item shall not be paid for directly, but shall be considered subsidiary to Item 530, "Concrete Curb, Gutter, Curb and Gutter, Sidewalks and Driveways".

END OF ITEM 531