

SECTION 1022 -- DOWEL BARS

1022.01 -- Description

1. Coated dowel bars for use across transverse joints shall conform to the requirements of AASHTO M 254.
2. Coated dowel bars for use across transverse joints shall consist of a steel core with an organic covering and shall comply with the requirements of AASHTO M 254, Corrosion Resistant Coated Dowel Bars except:
 - a. The steel cores shall be smooth round bars of the diameters shown in the plans and shall comply with ASTM A 615/A 615M, Grade 300 or 420.
 - b. The coating on the lateral surface of the dowel may be eliminated for approximately 50 mm on one end of the dowel for welding purposes.
 - c. Both Type A and Type B coated dowel bars shall be coated with a bond breaker, dipped in asphalt or paraffin, or greased in accordance with the specified requirements as shown in the Standard Plans.

1022.02 -- Acceptance Requirements

A certification by the manufacturer of the coating material and/or the coating applicator is required. The certification shall consist of a statement to the effect that the coating material represented conforms to AASHTO M 254 and the requirements in this Section. The certifications shall be furnished in triplicate and include copies of the test results. The coating applicator shall also furnish 3 copies of the mill test showing physical and chemical test results of the steel used in the fabrication of the coated bars.