

Part 642 – Specifications

Chapter 3 – National Standard Material Specifications

Material Specification 536—Sealing Compound for Joints for Concrete and Concrete Pipe

A. Scope

This specification covers the quality of sealing compound for filling joints in concrete pipe and concrete structures.

B. Type

The compound must be a cold-application material unless otherwise specified.

C. Quality

The sealing compound must conform to the requirements of one of the following specifications:

- (i) ASTM C990—Joints for concrete pipe, manholes, and precast box sections using preformed flexible joint sealants.
- (ii) ASTM C877—External sealing bands for concrete pipe, manholes, and precast box sections.
- (iii) ASTM D6690—Standard specification for joint and crack sealants, hot applied, for concrete and asphalt pavements.
- (iv) ASTM C920—Elastomeric joint sealants for cold applied sealing and caulking of joints on mortar and concrete structures not subject to fuel spills. Use Type S or M, or Grade NS for vertical joints; Type S or M, Grade P or NS for horizontal joints. For Class 25, use Type M.
- (v) The sealing compound if used with other joint material, such as fillers or gaskets, must be compatible.