

MATERIAL SPECIFICATION

536. SEALING COMPOUND FOR JOINTS IN CONCRETE AND CONCRETE PIPE

1. SCOPE

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

2. TYPE

The compound shall be a cold-application material, unless otherwise specified, and shall be a single component or multiple component type.

3. QUALITY

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

ASTM Specification C 990; Joints for Concrete Pipe, Manholes, and Pre-cast Box Sections using Pre-formed Flexible Joint Sealants.

ASTM Specification C 877; External Sealing Bands for Non-Circular Concrete Sewer, Storm Drain, and Culvert Pipe.

ASTM Specification D 1190; Concrete Joint Sealer, Hot Poured Elastic Type.

ASTM Specification C 920; 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, Grade NS for vertical joints; Type S or M, Grade P or NS for horizontal joints. Class 25, Use M, quality materials shall be used for both vertical and horizontal joints unless otherwise specified.

The sealing compound, if used with other joint materials, such as fillers or gaskets, shall be compatible.