

ITEM 25
JOINT MATERIALS

25.01 PREFORMED JOINT FILLERS (NON-EXTRUDING AND RESILIENT TYPES)

(a) Preformed fillers for joints shall be of the bituminous type unless otherwise specified on the Plans, and when designated, shall be punched to admit the dowels.

(1) Bituminous Type

Bituminous type preformed fillers for joints shall consist of ASTM "Standard Specification for Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Non-extruding and resilient Bituminous Types)," Serial Designation D 1751

(2) Non-Bituminous Types

Non-bituminous types of preformed filler for joints shall conform to the requirements of ASTM "Standard Specification for Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction," Serial Designation D 1752, Type I, II, or III, as specified.

(b) The filler for each joint shall be furnished in a single piece for the full depth and width required for the joint unless otherwise specified by the Engineer. When the use of more than one piece is authorized for a joint, the abutting ends shall be fastened securely, and held accurately to shape, by stapling or other positive fastening satisfactory to the Engineer.

25.02 JOINT MORTAR

Pipe joint mortar shall consist of one part Portland Cement and two parts sand with water necessary to obtain the required consistency. Portland Cement shall conform to the requirements of Item 3.05(a), Type 1. The sand shall conform to the requirements of Item 73.02. The water shall be approved for quality by the Engineer. Mortar shall be used within thirty minutes after its preparation.

25.03 RUBBER GASKETS

The gaskets shall conform to the requirements of ASTM "Standard Specifications for Joints for Circular Concrete Sewer and Culvert Pipe, Using Rubber Gaskets," Serial Designation C 443.

25.04 HEMP AND OAKUM GASKETS

Gaskets of hemp or oakum packing for joint filler shall be closely twisted, and shall be of the size and type required for pipe under construction. Gaskets shall be in one piece of sufficient length to pass around the pipe and lap.

END OF DOCUMENT