

ITEM 16593.01 M - RUBBER DOCK FENDERS

DESCRIPTION

The work shall consist of furnishing and installing rubber dock fenders and any backing timbers at the locations and in the manner shown on the Plans.

MATERIALS

Rubber Extrusions	ASTM D2000M	3BA720 A14, B13, C12, F17 or 4AA720 A13, B13, C12, EA14, F17
	The size and shape shall be as shown on the plans.	
Steel Bars and Plates	ASTM A36M	
Hex Lag Screws	ANSI B18.2.3.8M	
Bolts and Studs	ASTM F568M Class 4.6	
Nuts	ASTM A563M 5H1	
Washers	ASTM F436M Type 1	
Timber and Lumber	§712-13	
Wood Preservative	§708-32	

All metallic parts shall be galvanized in accordance with §719-01.

The materials will be accepted at the project site based on manufacturer's certification of conformance with the applicable requirements.

CONSTRUCTION DETAILS

Backing timbers (when required) shall be attached to the underlying surfaces and spliced as shown on the plans.

The installation shall be made using the minimum practical number of extrusion sections. Sections of extrusion shall be a minimum of 1 meter in length. Extrusions shall be spliced by cutting mating dovetail joints in the ends of sections. Splices shall not be made by inserting bars or rods into the voids in the extrusions.

METHOD OF MEASUREMENT

The work will be measured as the number of meters of dock fender installed. Measurement will be taken along the front face of each extrusion required by the plans.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, except that drilling and grouting of bolts into concrete will be paid under a separate item.