

ITEM 567.65--25 – INSTALLATION OF CLOSED-CELL FOAM JOINT SEAL

1. DESCRIPTION:

- 1.01 The work shall consist of furnishing and installing closed-cell foam seals of the size and at the locations indicated on the plans or as directed by the Engineer. The work shall also include removal of the existing joint seal.

2. MATERIALS:

- 2.01 Closed-Cell Foam Seal – The seal shall meet the provisions of subsection 567-2.04.
- 2.02 Adhesive – The adhesive shall meet the provisions of Subsection 567.2.04 Adhesive.
- 2.03 Basis of Acceptance – The closed-cell foam seal will be accepted at the work site upon certification to the Engineer by the Contractor that the materials used are in accordance with this Specification.
- 2.04 Shop Drawings – Shop drawings will not be required.

3. CONSTRUCTION DETAILS:

- 3.01 Cleaning – The Contractor shall remove the existing seal in its entirety. The recess to receive the closed-cell foam seal shall be cleaned in accordance with manufacturer's recommendations.
- 3.02 Preparation – Two copies of the seal manufacturer's specifications and installation procedures shall be delivered to the Engineer at least two weeks prior to the start of work. Just prior to the application of adhesive, all surfaces to receive adhesive shall be air blown or vacuum cleaned and dried in order to remove all loose or foreign matter. Apply adhesive to the vertical surfaces receiving the compression seal as per manufacturer's recommendations
- 3.03 Installation - Install the closed-cell foam seal as per manufacturer's recommendations and installation procedures. No splices shall be allowed in the seal except as indicated in the contract documents. If splices are indicated, they shall be completed as per manufacturer's recommendations.
- 3.04 Watertight Integrity Test – After closed-cell foam seal installation is complete, a watertight integrity test shall be performed by the Contractor in accordance with the requirements of subsection 567-3.04E. All action necessary to successfully complete the test shall be completed by the Contractor as described.

4. METHOD OF MEASUREMENT:

- 4.01 Measurement will be made as the number of linear feet of closed-cell foam seal completely and satisfactorily installed, measured horizontally and vertically along the centerline of joint system, as indicated on the contract plans.

5. BASIS OF PAYMENT:

- 5.01 The unit price bid per linear foot shall include all labor, materials and equipment necessary to satisfactorily complete the work.