

ITEM 560.0401--07 - REPAIR ASHLAR MASONRY – DELAMINATION

DESCRIPTION:

The work shall consist of repairing delaminations in ashlar masonry, where indicated on the contract plans or where ordered by the Engineer.

MATERIALS:

Grout material for dowel embedment used in overhead applications, or where a sustained tensile load will exist, shall conform to §701-05 Concrete Grouting Material. Grout material for dowel embedment used in other applications shall conform to §701-07 Anchoring Materials - Chemically Curing.

Dowels shall be stainless steel threaded rod meeting the requirements of ASTM F593.

Epoxy adhesive shall meet the requirements of Subsection 721-01 of the Standard Specifications.

CONSTRUCTION DETAILS:

Dowels shall be drilled and grouted in accordance with Subsection 586-3.02 of the Standard Specifications, except as modified by this specification, and as shown on the plans.

The Contractor's methods of drilling and grouting shall not result in detachment of the delaminated areas. In the event that a delamination becomes detached during drilling and grouting work, the fractured surface shall be cleaned, coated with epoxy adhesive, and reset in its original position.

The Contractor shall exercise care to prevent epoxy adhesive and/or grout from spilling onto the face of the masonry. Any adhesive or grout that does spill onto the masonry surfaces shall be thoroughly cleaned to the satisfaction of the Engineer prior to curing of the grout.

METHOD OF MEASUREMENT:

Stone delamination repair work will be measured by the number of square meters of repaired stone surface.

BASIS OF PAYMENT:

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work.