

## SECTION 044000 - STONE ASSEMBLIES

### PART 1 - GENERAL

1.1 When not otherwise specified in this section, the MSU minimum requirements for stone masonry shall be as contained in the latest publication of Limestone Institute Handbook available from Indiana Limestone Institute of America, Inc., Stone City Bank Building, Bedford, Indiana 47421. [www.iliai.com](http://www.iliai.com)

### 1.2 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs experienced stonemasons and stone fitters.
- B. Source Limitations for Stone: Obtain stone from one quarry with resources to provide materials of consistent quality in appearance and physical properties.
- C. All limestone used at M.S.U. will normally be Select grade buff, free from cracks, pits, spalls, seams and mineral stains. Corners and edges should be chamfered to lessen chipping.
- D. Before stone is shipped from the shop, all surfaces which will be concealed after setting shall receive a shop application of clear water repellent. This coat shall terminate one inch from the back surface. Water repellent coating shall be CHEMSTOP® by TAMMS INDUSTRIES, INC. for regular masonry, or a clear silicone type having not less than 5% silicone, equal to Sika Transparent.

### 1.3 DELIVERY, STORAGE, AND HANDLING

- A. Stone shall be delivered and stored on planks or timbers, off of the ground. Store stone in a protected area away from dirt, dust soot, mud, grease, and other disfiguring elements. Cover the stone if directed.
- B. Stone will generally be stacked in the same position in which it will be set. If flat stone is shipped lying flat and will be stored more than one month, the stone will be restacked and stored on edge in the position it will be set.
- C. Wood used for planks and spacers shall be dry cypress, white pine, or yellow pine. Do not use walnut, oak fir, or other woods containing tannin.
- D. The above storage and handling requirements also apply to the storing of salvaged stone that will be reused.

### 1.4 EXECUTION

- A. All anchors should be nonferrous metal and clearly detailed on the Architect/engineer's drawings. Point all stone joints and joints between stone and other adjacent surfaces with the

proper colored elastomeric sealant, 1/4" to 3/8" deep. All joints such as wash joints that can retain moisture shall be caulked with elastomeric sealant.

- B. The exposed faces of all stone work shall be thoroughly cleaned on completion of all work. This cleaning shall be done with soap in clean water, applied vigorously with stiff fiber brushes. After cleaning, the exposed surfaces shall be drenched with clean water and rinsed thoroughly clean.
- C. Stone which later clouds and shows stain shall be allowed a reasonable length of time to dry out. If stains remain, stone shall be washed down. Acids or wire brush will not be allowed. If stains remain, stone work in question shall be removed and a new stone installed.

END OF SECTION 044000