

## **DIVISION 7 -THERMAL AND MOISTURE PROTECTION**

### **Section 07900 - Sealants**

#### **Introduction**

Describe all requirements for installation of sealants required to prohibit the penetration of moisture and dust, and required to seal joints between dissimilar materials, in this Section.

Specify certain specialized sealants which are ordinarily part of a "complete in place" installation by a particular trade (e.g. glazing sealants and painting) in the appropriate sections.

Reliance on caulking which might (or might not) be provided by a painter as part of that finish operation, as the moisture- or dust-seal, is unacceptable.

Pay particular attention in sealant system design to expected joint movement, joint dimensions, sealant position (horizontal, vertical, or overhanging), and potential for physical abuse of the sealed joint.

Specifically describe and detail on the drawings all joints requiring installation of sealants. Generic notes such as "sealant as required" are not acceptable.

This is a section where the Consultant should use a "performance specification". Do not specify proprietary manufacturer's names or materials, and do not restrict vendors to a limited list.

#### **Part 1 - General**

- Require that all materials manufacturer(s) and installer(s) demonstrate 5 years of successful installations of similar materials.
- Require submittal of the following:
  - Manufacturer's literature documenting compliance with specification requirements
  - Actual sealant samples for color selection
  - Sample joints, where unique conditions require
- Maximum allowable exterior joint width, for caulking/sealant, shall not exceed 1".

#### **Part 2 - Products**

- Specify each particular type of sealant and sealant system required, including:
  - Primers
  - Backers
  - Fillers
  - Colors
- Expressly prohibit the use of latex and butyl sealants.
- Specify only non-staining materials.

#### **Part 3 - Execution**

- Provide a sealant schedule identifying location and type of sealant.
- Specifically require sealants to be installed in accordance with the manufacturer's recommendations.
- Specifically require all joints to be observed by the Owner prior to installation of sealants.

#### **End of Section 07900**