

Conversion of  
Mohegan Park Utility Building to  
New Dog Pound  
Park Center Road  
Mohegan Park, Norwich, CT

**SECTION 07915  
SEALANTS, CAULKING & SEALS**

**PART 1 - GENERAL**

**RELATED DOCUMENTS:**

Drawings and general provision of Contract, including General and Supplementary Conditions and Division 1 - Specification section, apply to work of this section.

**DESCRIPTION OF WORK**

The extent and location of a joint sealer are shown on the drawings and specified herein, including the placement and installation of sealant material at new / existing construction, drywall installation, and in areas of water seals.

The required application of Joint / sealers include, but are not necessarily limited to the following general locations;

Interior:

Joints between existing and new work  
Other joints indicated.

Exterior:

Between new and existing construction.  
Flashing  
Sill and Threshold.

**QUALITY CONTROL:**

Deliver materials in their original, unopened containers bearing manufacturer's labels certifying contents.

**SUBMITTALS:**

Product Data: in accordance with Section 01340.

Sample: submit manufacturer's standard bead samples consisting of strips of actual products showing full range of colors available for each product exposed to view.

**JOB CONDITIONS:**

Weather Conditions: Do not proceed with installation of exterior sealant under adverse weather conditions, or when temperatures are below manufacturers recommended limitations.

**Delivery, Storage & Handling:**

Deliver materials to project site in original unopened containers with labels informing about manufacturer, product name and designation, color, expirations period for use, pot life, and curing time. Store and handle materials to prevent their deterioration or damage due to moisture, temperature changes, contaminants, or other causes.

**PART 2 - PRODUCT**

**GENERAL REQUIREMENTS**

Compatibility: Provide joint sealers, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and

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application, as demonstrated by sealant manufacturer, based on testing and field experience.

**SEALANT TYPES AND USES**

Exterior Sealants:

Available Products: subject to compliance with requirements, products which may be incorporated in the work include;

Dow Corning - 790 Silicone Building Sealant

G.E. Silicone Construction Sealant - Silpur Weatherproofing Sealant

Pectoral Corporation - 890 Silicone Building Sealant

Interior Sealants:

Available Products: Subject to compliance with requirements, products which may be incorporated in the work include:

Pecora Corporation - AC-20 + Silicone

Bostic Sealants - Chem-Caulk 600

Dow Corning - 786 Silicone Sealant

**MISCELLANEOUS MATERIALS**

Joint Cleaner: Provide the type of joint cleaning compound recommended by the sealant manufacturer, for the joint surfaces to be cleaned.

Joint Primer/Sealer: Provide the type of joint primer/sealer recommended by sealant manufacturer, for the joint surfaces to be primed or sealed.

Sealant Backer Rod: Compressible rod stock polyethylene foam as recommended by sealant manufacturer. Provide size and shape of rod for joint indicated.

Bond Breaker Tape: Self-adhering, polyethylene tape or other plastic tape recommended by sealant manufacturer.

**PART 3 - EXECUTION**

**EXAMINATION:**

Examine joints indicated to receive joint sealers with installer present for compliance with requirements for joint configuration, installation tolerances and other conditions affecting joint sealer performance. Do not proceed with installation of joint sealers until unsatisfactory conditions have been corrected.

Joint Surface and Preparation:

Clean joint surfaces immediately before installation of sealant of substance detrimental to sealant bond.

Cure Sealants in accordance with manufacturer's instructions and recommendations.

**PROTECTION AND CLEANING**

Protect joint sealers during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of substantial completion. If despite

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such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealers immediately and re-seal joints with new materials to produce joint sealer installations with repaired areas indistinguishable from original work.

Clean off excess sealant or sealant smears adjacent to joints as work progresses by Methods, and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

**END OF SECTION 07915**