

SPECIFICATIONS - DETAILED PROVISIONS
Section 09811 - Chemical Resistant Coatings

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SECTION 09811
CHEMICAL RESISTANT COATINGS

PART 1 - GENERAL

1.01 REQUIREMENT

The Contractor shall furnish all labor, material and equipment necessary for the preparation of surfaces, application of lining, safety procedures, protection of existing surfaces and equipment and clean up. The Contractor shall have at least 3 years experience in the application of polyurethane coatings and shall provide a list of similar projects completed within the 3-year period.

PART 2 - PRODUCT

2.01 LINING MATERIAL

The lining material shall be a two-component, 100% solid, high build polyurethane. The material shall be Sancon 100, or approved equal.

PART 3 - EXECUTION

3.01 LINING INSTALLATION

The lining application shall be performed only by workmen trained and experienced with the specified material. The lining shall be applied by high pressure airless equipment approved by the lining manufacturer. The equipment shall be in good working order to insure correct proportioning and mixing of the components.

The lining shall be applied to a thickness of 125 mils (1/8") in one continuous coat, without seams, free from any holes or defects.

During the lining application, the Contractor shall take wet gauge thickness readings as required to insure correct lining thickness.

The finished coating shall be free from porosity, without bubbles or pinholes and uniform in color. All areas in question shall be removed and reworked to the satisfaction of the Engineer. All holidays found shall be marked and patched by hand troweling.

Application of the lining shall not take place when exposed to rain, fog or high winds. It is the Contractor's responsibility to insure protection of the work from the above-mentioned conditions.

END OF SECTION 09811

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