

## **07100: DAMPPROOFING AND WATERPROOFING**

### **WATER REPELLENT**

#### Introduction:

Exterior exposed masonry and concrete surfaces not to receive other finish shall be treated with a fluid-applied penetrating water repellent.

Manufacturer's representative shall be present and approve surface preparation, application methods, and completed work.

#### Warranty:

Manufacturer shall supply a 5-year written warranty that surfaces treated with water repellent will be free of defects in materials and workmanship, and that surfaces will remain water repellent.

Where terms of manufacturer's guarantee require, provide a full-time jobsite inspector to supervise application.

#### Products:

Water repellent material formulation and concentration shall be selected based on porosity and composition of material to receive treatment, and level of water-repellency required.

Products shall be VOC compliant.

#### Preparation:

Power-wash surfaces prior to application.

Wash water shall not be discharged to or allowed to enter the storm drain system. Wash water shall be contained and properly disposed in accordance with *UC BERKELEY EH&S STORMWATER POLLUTION PREVENTION* guide.

Repoint joints and cracks as required. Repointing materials shall be compatible with water repellent.

Cleaning and repointing shall be completed and areas allowed to dry prior to application of water repellent.

Prior to application, manufacturer shall certify in writing if moisture content is acceptable.

Adjacent surfaces and landscaping shall be protected from overspray.

Application: Apply material as recommended by manufacturer.

## **WATERPROOFING**

### **Introduction:**

Below grade foundation walls, retaining walls, above-grade concrete and masonry planters, and other structures subject to hydrostatic pressure shall receive appropriate dampproofing or waterproofing.

Contractor shall give manufacturer and University's Representative 72 hours notice prior to beginning work.

### **Warranty:**

Manufacturer shall supply a minimum 5-year written warranty against water penetration through the treated areas.

### **Installation of Systems:**

A written clarification from the manufacturer's representative is required when a particular condition warrants special design or substitution of materials.

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