SECTION 07180D - WATER REPELLENTS

A. Water repellent coatings should be specified for all new and restored brick, concrete masonry, and architectural precast concrete. Products specified should be breathable silanes or siloxanes as appropriate for the surface to be coated. Film forming surface coatings such as silicones, acrylics, mineral gum resins, and blends should not be used. Products specified should be those which have an estimated life expectancy of 10 to 15 years.

B. In specifying water repellents, be sure that masonry cleaning products are compatible with water repellents and acceptable to the repellant manufacturer for warranty.

C. Specify field samples, mockups, or some other test application to determine if the repellents will affect the surface to be coated. Some products may darken the surface.

D. Specify that adjacent and nearby surfaces be protected from spillage or over spray from repellents. Require that live plants, grass, windows, and other areas be covered.

E. Coordinate water repellents with graffiti resistant coatings to ensure compatibility and warranty requirements. Ideally these products should be from the same manufacturer.

END