

PROJECT PROFILE

Department of Health & Human Services (HHS)

PROJECT BACKGROUND

Over the past 15 years the HHS had been addressing various leaking issues in the multi story buildings located on their campus. The owner was looking for a cost effective solution that would stop the leaking thereby reducing on going maintenance costs while also providing long term protection of the buildings exterior from the elements.

STRATEGIES/CHALLENGES

Each building's exterior was made up of various architectural features and different (exposed aggregate and smooth finished) precast panels. Rather than use a different sealer to protect each type of precast panel, Alliance decided to look for a single product that was cost effective and could be used on all the panels. Also important to Alliance was that the material was safe to use, wouldn't change the appearance of the panels and was from a well known and reputable manufacturer that could reliably supply all the material required as the scope of the work had to be completed in 97 days.

RESULTS/SOLUTIONS

Alliance contacted Kenseal Construction Products, their materials supplier to help locate and recommend a product that would meet their requirements. Kenseal contacted Vexcon and Powerseal SS Plus, an emulsified silicone blend of Silane and Siloxane materials, was recommended to seal and protect the various precast panels. Once the caulking and the surfaces power washed, using special equipment Powerseal SS Plus was spray applied at the recommended coverage rate to all the exterior panels of the multi story buildings.

Subsequent testing and observation of the panels indicated that the sealer was successfully repelling moisture from penetrating into the panels and thereby providing the weathering protection the building owner was looking for.

ABOUT VEXCON

Founded in 1974, Vexcon Chemicals core business is the manufacture, distribution and sale of construction chemical products.

Vexcon Chemicals is an industry leader providing innovative product solutions through the development of advanced chemical technologies designed to meet today's construction demands. With our unique capability as a vertically integrated specialty chemical manufacturer we produce as starting materials water and solvent based epoxy, urethane, hydrocarbon, acrylic and silicone products. These technologies allow us to develop cost effective products that are designed to exceed market demands for consist high performing materials. We also have the ability to manufacture customized products developed to meet specific customer demands.

Vexcon produces construction materials designed to build, repair, enhance, protect, and maintain a wide variety of concrete and masonry structures.

Our products span numerous markets and product categories and are commonly used on transportation, commercial, industrial, distribution, institutional and residential projects both nationally and globally.

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| Project Type: | Exterior Façade Restoration |
| Location: | Baltimore, MD |
| Owner: | General Services Administration |
| Contractor: | Alliance Exterior |
| Project Manager | Skutch Montgomery |
| Total Square Footage: | 100,000 sf |
| Project Completion Date: | 2018 |
| Product Used: | PowerSeal SS Plus |

