Project Profile

Johns Hopkins | St. Petersburg, FL

The reroofing of the Johns Hopkins science building in St. Petersburg, Florida required a solution that could deliver both temporary protection during construction and long-term performance as part of the new roofing system. With sensitive laboratory equipment and offices inside, the stakes were high–BlockShield SA Plus from VaproShield was chosen to meet these demands.

Installed directly over the existing structural concrete deck, BlockShield SA Plus provided a continuous air and vapor barrier without the need for primer. Its superior adhesion to concrete also offered excellent wind uplift resistance, a crucial factor for roofing systems in Florida's hurricane-prone climate.

Throughout the reroof, BlockShield SA Plus delivered zero leaks, even during the start of Florida's rainy season. This reliability ensured uninterrupted protection of valuable equipment while construction moved ahead. The product's durability, UV resistance, and primer-free installation made it the trusted choice of consultants and inspectors on this FM-insured project.

By blocking moisture-laden air from the internal space entering the roof assembly, BlockShield SA Plus reduces the risk of condensation, mold, and long-term roof system degradation. Combined with a fully adhered roof system that consisted of a PVC roof membrane, coverboard, polyiso insulation, BlockShield SA Plus and the concrete deck formed a resilient foundation for energy efficiency, durability, and lasting protection.

VAPROSHIELD®
Breathable Membrane Systems for Roofs & Walls

The Specifications

VaproShield Solutions	BlockShield SA Plus
Construction Type	Reroof
Industry Type	Institutional
Architect	SSR www.ssr-inc.com/
Installer	Sutter Roofing www.sutterroofing.com/