

E.Protect Shoring Ideal for Site with High Water Table in Historic Seattle Neighborhood



THE PROJECT

100 Roy is a mixed use building consisting of 167 residential units with seven levels for homes and commercial space and two levels of below grade parking.

The building spans 210,500 square feet and is located in the Lower Queen Anne neighborhood of Seattle.

This historic area features Queen Anne Hill – an iconic Seattle site and significant incline. Since 100 Roy is in proximity to this slope, hydrostatic conditions were present on the site and waterproofing was required.

The EPRO team came on board and provided 24,000 square feet of E.Protect shoring for 100 Roy.



EPRO'S SOLUTION

E.Protect shoring is a pre-applied composite waterproofing system that leverages three key waterproofing materials: high density polyethylene (HPDE), spray applied polymer modified asphalt (PMA), and bentonite. The team appreciated its speed and ease of installation.

E.Protect Shoring is compatible with cast-in-place poured concrete or shotcrete, and when applied to different types of shoring methods including soldier pile, back lagging, shotcrete soil nail, internal rakers, caissons, secant walls, and sheet piles.



“The composite system was ideal for this site – the multi-layered system gave us peace of mind regarding the hydrostatic conditions.”

“We also appreciated the communication with our rep who was very supportive and responded quickly to any of our concerns.”

**FRANK WEAVER
COMPASS CONSTRUCTION.**



“The Compass team that worked with us on the below-grade install were great, and together we kept the project right on schedule.”

“E.Protect was ideal for the location of the building – right in the water table and cut into the hillside.”

**KEN BETTS
LIZARD WATERPROOFING &
ROOFING, INC.**

