



The Eagle Rock High School project in Denver, Colorado, presented the challenge of constructing a durable and weather-resistant roof for its 30,000 sq. ft. barrel-shaped design. VaproShield's SlopeShield Plus SA and VaproShims were used to address this need, providing moisture protection beyond the surface in Denver's varied climate. The air barrier and permeable vapor retarder membrane was a critical component of the roof assembly, installed beneath the metal roof system. This configuration allowed the roof to effectively resist water intrusion while also permitting balanced moisture vapor exchange, crucial for preventing condensation and maintaining the roof's integrity.

SlopeShield Plus SA offers several key benefits for projects like Eagle Rock High School. Its self-adhered application simplifies installation, saving time and labor on the job site. The membrane's robust design creates a watertight barrier, safeguarding the building from the elements and preventing potential water damage. Furthermore, its permeability allows for vapor diffusion, which is essential for managing moisture within the roof assembly and preventing issues like trapped moisture that can cause structural damage. SlopeShield Plus SA and VaproShims contribute to a high-performing roof system that can withstand the challenges of Denver's weather, providing long-lasting protection for the school.





The Specifications

VaproShield Solution	SlopeShield Plus Self Adhered
Industry Type	Institutional
Construction Type	New
Architect	Holcim Elevate (Roofing Manufacturer) www.holcimelevate.com/us-en
Installer	B&M Roofing www.bmroofing.com
VaproShield Rep	Elliott Associates, Inc.

