

SLOPESHIELD® PLUS SELF-ADHERED

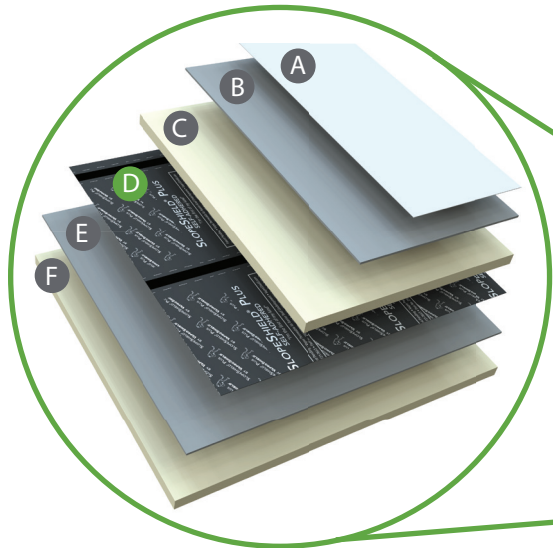
Air Barrier and Permeable
Vapor Retarder

WITH SELF-DRYING
TECHNOLOGY

VAPROSHIELD®

Breathable Membrane Systems for Roofs & Walls

Newark Airport Reroof



- A 60 mil PVC roof covering (by others)
- B Additional gypsum recovery board (by others)
- C New insulation (by others)
- D SlopeShield Plus SA air barrier and permeable vapor retarder
- E Recovery board (by others)
- F Existing Insulation



The Future of Roofing



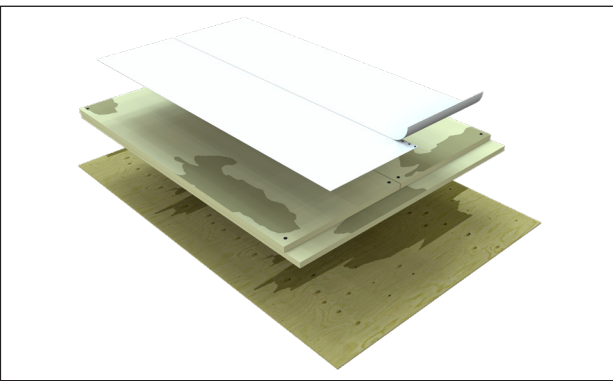
Retail Headquarters Building New Construction



Amherst College Reroof

Each year millions of square feet of commercial roofing will be installed in both new and reroofing applications.

Conventional Reroof Practices



A typical low slope roof consists of a roof covering, insulation layer, and structural deck leading to trapped moisture within the roof assembly.

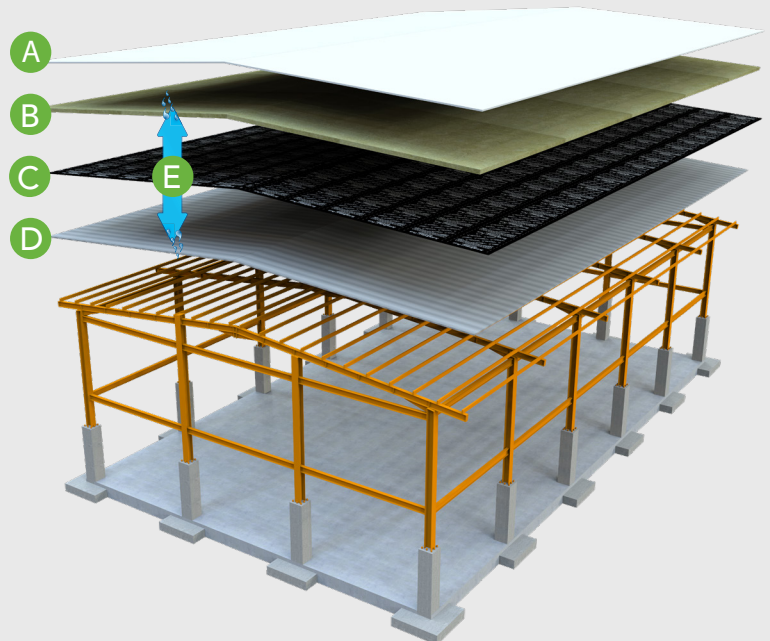


Conventional roofing practices call for the removal of the entire roof assembly which leads to disruptions for occupants and increased overall cost.

THE SLOPESHIELD PLUS SA DIFFERENCE

Controlling Moisture, Blocking Air, Improving Performance

- A** Weatherproofing barrier against rain, snow, ice
- B** Thermal barrier (insulation) stops heat flow, loss and gain
- C** SlopeShield Plus SA air barrier and permeable vapor retarder, with self-drying technology, controls moisture, preventing common condensation and moisture related issues inherent in conventional roofing assemblies
- D** Structural deck
- E** SlopeShield Plus SA allows drying in both directions



Reduce Capital Investment, Reuse materials, Renew and be Code Compliant



Tear off aged roof covering.



Install SlopeShield Plus SA allowing damp substrates to dry.



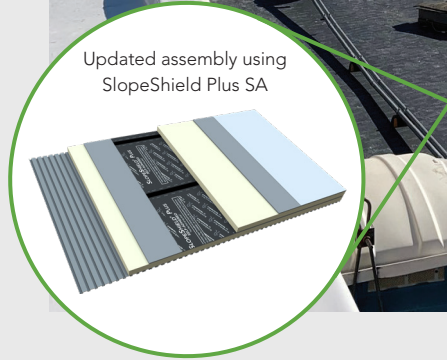
Work continues on reroofing with robust weather protection installed. Building remains occupied.



Install new insulation layer and roof covering.

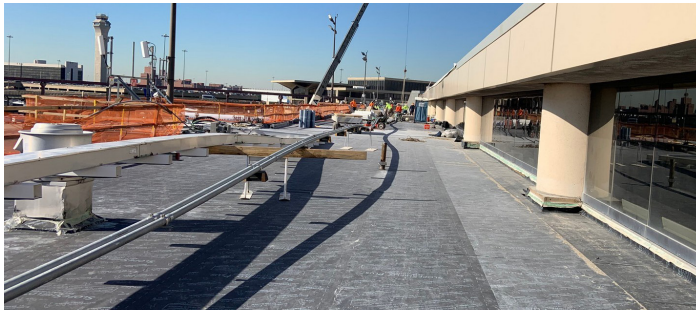


Newark Airport Reroof



Updated assembly using SlopeShield Plus SA

Reducing Capital Investment



Over 375,000 sq.ft. of SlopeShield Plus SA was installed on the Newark Airport reroof project.

Challenge: Reroof, reduce labor and capital investment, keep the terminal functional.

Solution: SlopeShield Plus SA allowed:

- the terminal to remain open without a single leak
- reuse of remaining roofing layers, drying damp materials below
- heavy foot traffic and machinery on the roof during final PVC roof installation

These benefits reduced overall project costs for owners and contractors.

Minimizing Occupant Disruption



Three story condo, Portland, OR.

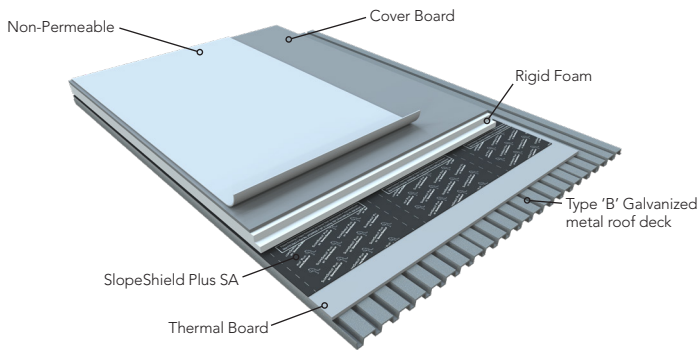
Challenge: Reroof overburdened vegetative green roof without displacing condo residents on two stories.

Solution: SlopeShield Plus SA allowed:

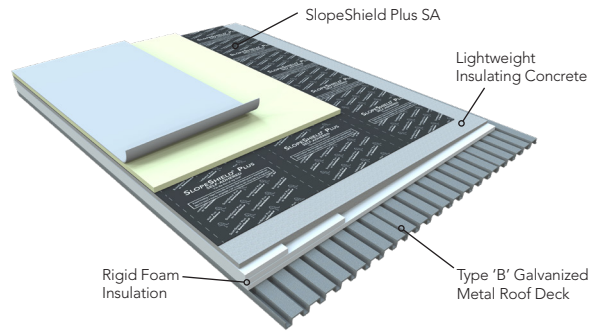
- residents to remain in their condos during the entire reroof
- highly saturated plywood and insulation layers to be dried out, reused and diverted from the landfill

Owners saved valuable HOA monies for additional improvement projects.

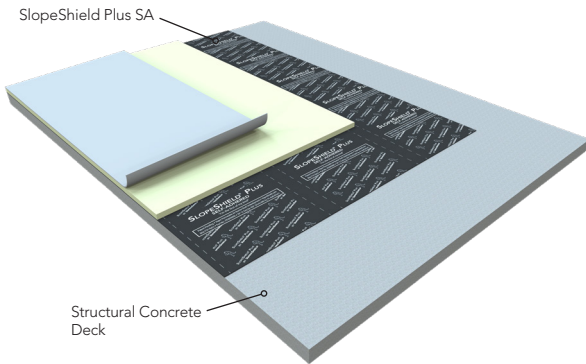
NEW AND REROOF DETAILS



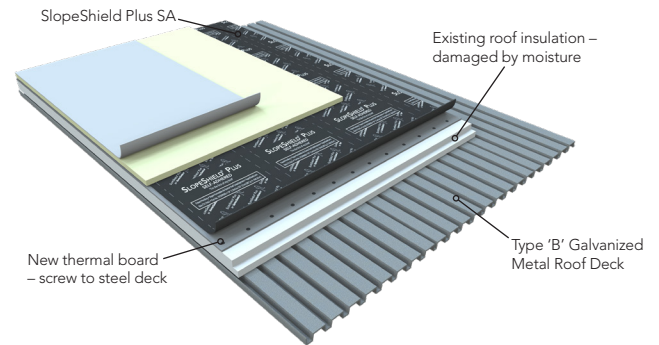
Typical Roof Cross-Section: Apply SlopeShield Plus SA to top of thermal board.



Lightweight Concrete Deck: Apply SlopeShield Plus SA directly to lightweight insulating concrete.

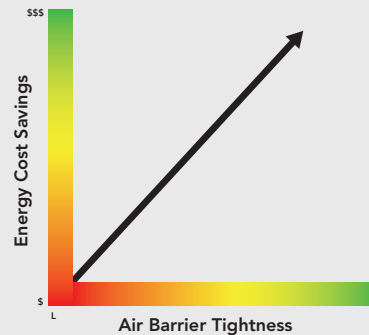


Structural Concrete Deck: SlopeShield Plus SA can be applied over green concrete or a damp existing concrete and lightweight insulating concrete roof decks, provided the surface complies with a bull float finish or better.



Reroof: Installing SlopeShield Plus SA on new thermal barrier board applied over existing insulation allows for the drying and reuse of existing insulation.

Code Compliance and Energy Efficiency



Meeting/Exceeding Standards: VaproShield products are meticulously engineered to meet and exceed the standards set forth in IECC and IBC. Our high-quality air barrier and permeable vapor retarder membranes safeguard compliance with these codes, guaranteeing the highest quality and adherence to the regulations.

Energy Efficiency: As a code compliant air barrier, SlopeShield Plus SA enhances energy efficiency in the roofing system by minimizing heat transfer and reducing reliance on the HVAC system, significantly contributing to energy savings for the life of the building.

Learn more about SlopeShield Plus SA air barrier and permeable vapor retarder membrane at VaproShield.com



We invite you to continue the conversation about self-drying technology with the VaproShield team. Contact us at 866-731-7663 or visit us at VaproShield.com for your free sample.

