

# POLYkool™

White Reflective Modified Bitumen Roofing Membrane



## PERFORMANCE

Polykool® self-adhered membranes are premium, plastomeric roofing products, manufactured with patented ADESO® Dual-Compound technology, whereby the membrane consists of an APP compound on the top layer and an aggressive self-adhesive compound on the bottom layer. Polykool membranes are built with a high performance reinforced polyester mat to guarantee excellent dimensional stability.

Polykool membranes are finished with a patent pending white film laminate on the top surface, except at side laps which have a patented SEALLap®, a factory-applied adhesive treatment that enhances bonding at the laps and a split release film on the bottom surface. Polykool membranes provide superior watertight performance and a highly reflective, durable roofing surface and is resistant to volatile contaminants, animal fats, pulps and oils.



## ENERGY EFFICIENT

Polykool self-adhered membranes meet Energy Star® and CRRC® (Cool Roof Rating Council) requirements with a reflectivity of 0.76 and a thermal emissivity of 0.80, directly affecting the reduction of building energy costs and heat island effect. Polykool is also compliant with California's Title 24 Energy Efficiency Building Standards and can be used to gain credits with LEED (Leadership in Energy and Environmental Design), administered by the United States Green Building Council.

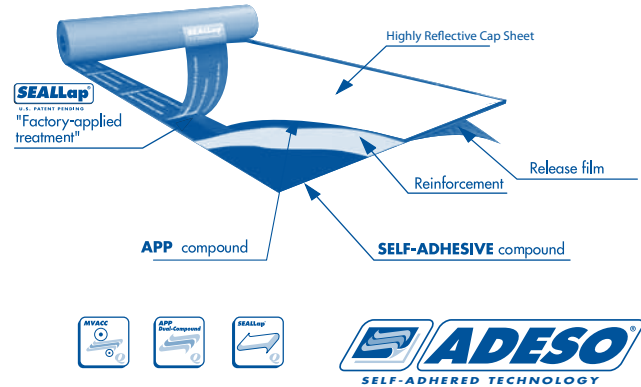
## USES

- Energy Star compliant, primary weathering cap sheet in multi-ply roofing systems
- Applications include new construction, re-roofing, and BUR repair installation
- As a flashing membrane in all applicable specifications



## FEATURES

- White, reflective cap sheet
- Patented ADESO® Self-Adhered Technology
- Patented factory-applied adhesive side and endlaps that enhance bonding of membrane
- Can be used as a flashing membrane in all applicable specifications
- Solar Reflectivity of 0.76, Thermal Emissivity of 0.80 and Solar Reflective Index (SRI) of 92



## BENEFITS

- White, reflective roof reduces building energy costs and heat island effect
- Self-Adhered Technology provides ease of installation and no fumes
- Impervious to grease, oil and stains
- Self-cleaning surface



SHC Shea Bridge Tower Addition  
Scottsdale, AZ

## POLYKOOOL™ TAPE

Polykool Tape is ideal for sealing seams, laps and details of Polykool roofing systems. Polykool Tape is highly reflective and resistance to volatile contaminants, animal fats, pulps and oils.

Polykool Tape seals to itself so it can be cut and folded around any object. Polykool Tape uses advanced MicroSealant Technology, a 100% solids formulation of synthetic resins, thermoplastic and non-curing rubber (not butyl) with a built-in primer and is bonded to a UV stable backing. Polykool Tape must be used on all Polykool warranty jobs.



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