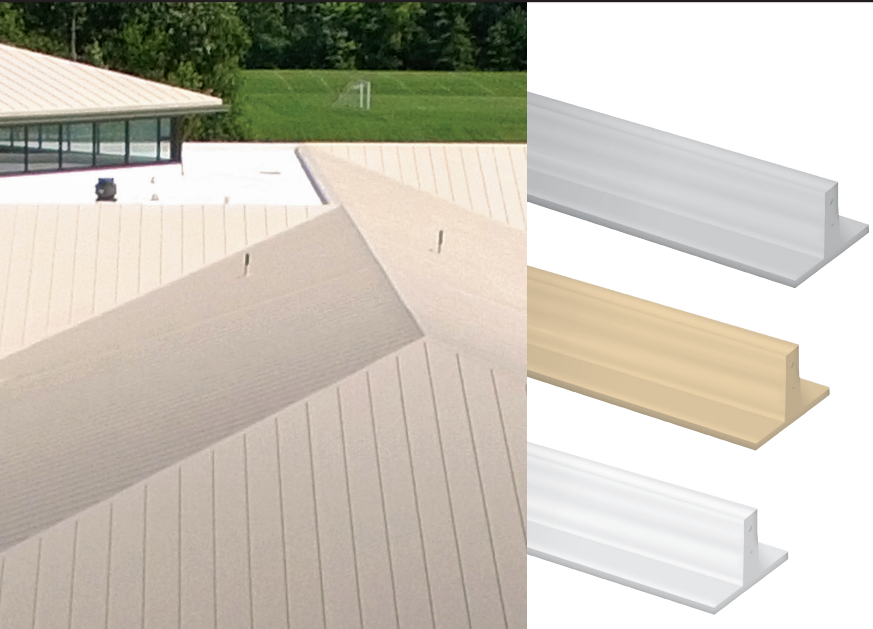


Available in a variety of configurations including bare and fleece-backed membranes, polyester and fiberglass reinforcement options in both 60 and 80 mil thicknesses, SENTINEL® PVC has got the right solution for you.



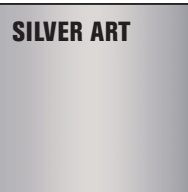
UNRESTRICTED DESIGN

SENTINEL systems deliver unlimited design possibilities due to its ability to accommodate complex structures and profiles. Profiles bars can also be incorporated into the system to provide the aesthetic finish of a traditional standing seam metal roof.

INNOVATIVE METALS

SENTINEL's Copper and Silver Art membranes utilizes a process that incorporate powdered metals into the PVC blend. This enables Copper Art® the unique ability to oxidize, taking on a natural patina, just like real copper. These innovative membranes provide the look of a metal roof with the ease and reliability of PVC.

SENTINEL P150 HFB in Copper Art, Seattle, Washington



SENTINEL® PVC roof systems offer a variety of attachment solutions to fit the needs of the building owner.

ADHESIVES

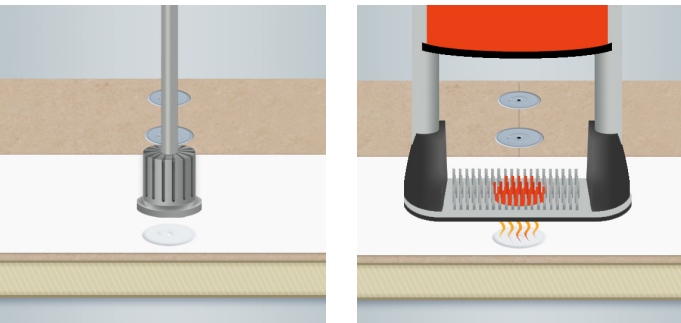
For adhered applications, SENTINEL offers both solvent-based and water-based adhesives. DUOTACK® SPF, low-rise spray foam adhesive can be used for fleece-backed PVC membranes.

FASTENERS

Mechanically-fastened SENTINEL® PVC systems offer a rapid and economical waterproofing solution. All mechanically fastened SENTINEL systems feature specially designed fastener plates that ensure superior wind uplift performance.

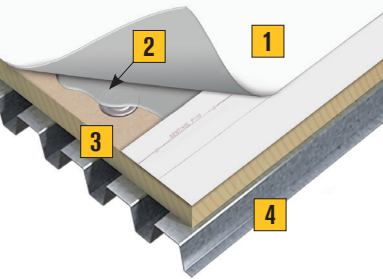
INDUCTION WELD

This system is a mechanically-fastened system using non-penetrating induction welding technology. PVC-coated fastening plates is SENTINEL® PVC membrane, which also fastens the underlying insulation and coverboard layers to the roof deck.



TYPICAL ASSEMBLIES

FULLY ADHERED SYSTEM



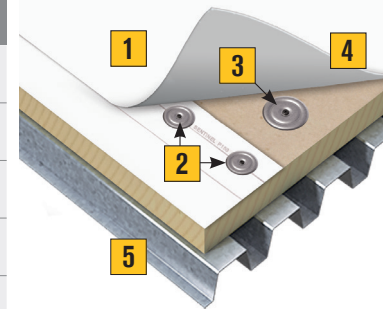
SYSTEM COMPONENTS

- 1 SENTINEL® PVC Membrane
- 2 SENTINEL® Bonding Adhesive
- 3 Derbiboard
- 4 Roof Deck

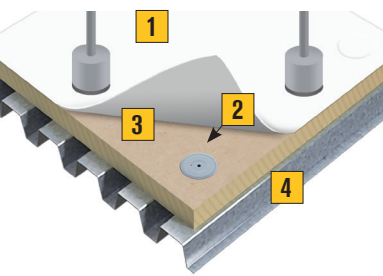
MECHANICALLY FASTENED SYSTEM

SYSTEM COMPONENTS

- 1 SENTINEL® PVC Membrane
- 2 Fasteners & Seam Plates
- 3 Fasteners & Insulation Plates
- 4 Derbiboard
- 5 Roof Deck



INDUCTION WELDED SYSTEM



SYSTEM COMPONENTS

- 1 SENTINEL® PVC Membrane
- 2 Fasteners & PVC Induction Plates
- 3 Derbiboard
- 4 Roof Deck

A roofing system can only perform as well as its edge details, ventilation, drainage and other system components.

PREFABRICATED ACCESSORIES

SENTINEL® PVC prefabricated accessories improve rooftop productivity while providing a peace-of-mind watertight installation. Performance Roof Systems offers a full line of prefabricated and custom flashing accessories including cones, corners, drains, pipe wraps, pitch pans, square wraps and ventilation flashings.

METAL EDGE SYSTEMS

SENTINEL's high-quality metal edge details, drainage systems, scuppers, collector boxes and other custom-fabricated products complement any roof design while effectively channeling the water off the rooftop.



EXPERT INSTALLATION

We pride ourselves in providing the best roofing systems in the industry installed by the best contractors. Our network of approved contractors are highly trained in the application of our systems and backed by our technical support team, to ensure that every project exceeds performance expectations.

COMPREHENSIVE WARRANTIES

As a testament to the trusted performance of our products we offer a warranty program to match. Depending on the system configuration, Performance Roof Systems offers three levels of warranties for periods up to 20 years.

SENTINEL® PVC

SYNTHETIC ROOFING SYSTEMS

DESIGNED
TO PROTECT.
ENGINEERED
TO EXCEED.

Time proven quality and decades of practical application, SENTINEL® PVC membranes provide the proven fire and chemical resistance inherent with PVC membranes as well as energy-saving reflectivity.

WEATHERABILITY: SENTINEL membranes are manufactured with a minimum 30 mil thickness above scrim for a 60 mil sheet (40 mil for a 80 mil sheet) for durability and weathering resistance.

REINFORCEMENT: SENTINEL is reinforced with a high-density, polyester scrim that provides superior breaking strength and excellent puncture and fatigue resistance.

RELIABILITY: Formulated utilizing only the highest quality polymers and plasticizers, SENTINEL membranes produce consist reliable welds in a variety of ambient temperatures. Greater seam reliability makes SENTINEL very flexible and easy to work with, reducing installation errors and fewer leaks.

IMPERVIOUS: SENTINEL® PVC systems feature excellent resistance to inorganic chemicals, bacterial growth and are not impacted by standing water and root penetration. PVC membranes are one of the most fire-resistant roofing materials available, self-extinguish when the source of the flame is removed.

ENVIRONMENTALLY FRIENDLY: SENTINEL's highly reflective membranes can reduce energy costs by decreasing roof-top temperatures and radiant heat transfer. Additionally, PVC is one of the few building materials that can be recycled during manufacturing and after installation.

QUALITY. PERFORMANCE. SUSTAINABILITY.

Quality lies at the heart of our business, from our mission statement to our daily operations. Our commitment to excellence in quality is proven by the long term performance of our installed roofs. On a global basis, the company operates a worldwide standardization process, meaning you get the same quality product at any SOPREMA Group location. Our Quality Compliance Certificate program allows product data to be pulled straight from the manufacturing line to ensure consistency every time.



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SENTINEL® PVC

SYNTHETIC ROOFING SYSTEMS