

SENTINEL® KEE

ROOFING MEMBRANES



RELATED PRODUCTS



SENTINEL S ADHESIVE

A solvent-based contact adhesive specially designed for adhering bare-backed SENTINEL PVC and KEE membranes and flashings to a variety of substrates for horizontal or vertical applications.



DUOTACK SPF HFO

A low pressure, two-component spray polyurethane foam adhesive formulated for adhering SENTINEL HFB (heavy fleece back) membranes, insulation and coverboard to approved substrates.



SOPREMA®

SENTINEL KEE (Ketone Ethylene Ester) roofing membranes incorporate Elvaloy™ co-polymer, a highly-flexible, high-molecular-weight polymer. Typical PVC membranes use liquid plasticizers, but KEE membranes incorporate a solid plasticizer that stays in the membrane longer. The use of KEE plasticizer offers improved chemical, microbial and impact resistance along with improved low-temperature performance and service life.

ADVANTAGES

- **Durability**—SENTINEL KEE membranes offer enhanced chemical and UV resistance for longer-lasting durable installations.
- **Flexibility**—The addition of KEE makes the membrane more flexible and easier to conform in low temperatures and harsh conditions.
- **Fire resistance**—PVC with KEE membranes are the most fire-resistant single-ply solution available.
- **Easy installation**—SENTINEL KEE membranes are lightweight, easy to install and can be welded in low temperatures with almost no specialized equipment. Membrane seams are heat-welded with a hot air gun for secure, watertight bonds. No seam adhesives, caulks or tapes are needed.
- **Light color and temperature-resistant**—SENTINEL KEE is white, which reflects sunlight and absorbs less heat. This can help keep a building's interior cooler, therefore lowering energy consumption for air conditioning, while improving air quality and mitigating the "urban heat island" effect.
- **Sustainability**—The improved chemical, microbial and UV resistance provided by the Elvaloy™ plasticizer ensures that the roofing membrane will offer superior performance and appearance over the life of the roof, enhancing sustainability.

MEMBRANES

SENTINEL KEE P150 – A polyester-reinforced, bare-backed membrane that is 60 mils (1.5 mm) thick

SENTINEL KEE P200 – A polyester-reinforced, bare-backed membrane that is 80 mils (2.0 mm) thick

SENTINEL KEE P150 HFB – A polyester-reinforced, heavy fleece-backed membrane that is 60 mils (1.5 mm) thick

SENTINEL KEE P200 HFB – A polyester-reinforced, heavy fleece-backed membrane that is 80 mils (2.0 mm) thick



ADHESIVES

SENTINEL S Bonding Adhesive – Solvent-based adhesive for bare-backed SENTINEL membranes

SENTINEL Spray Adhesive – Solvent-based contact adhesive for bare-backed SENTINEL membranes

SENTINEL Universal Sealant – Moisture-cured, polyether, elastomeric sealant for use in approved SENTINEL PVC membrane and flashing assemblies

DUOTACK SPF Adhesive – A low-pressure, two-component spray polyurethane foam adhesive formulated for adhering SENTINEL HFB (Heavy Fleece-Backed) membranes

DUOTACK SPF HFO Adhesive – A low pressure, two-component spray polyurethane foam adhesive formulated for adhering SENTINEL HFB (Heavy Fleece-Backed) membranes, insulation and coverboard



ACCESSORIES

SENTINEL Walkway Pad – An extruded PVC roll that protects roof membranes from damage from foot traffic

SENTINEL KEE Pre-Fabricated Inside Corners – Polyester-reinforced 60 mil flashings for 90-degree corners

SENTINEL KEE Pre-Fabricated Outside Corners – Polyester-reinforced 60 mil flashings for 90-degree corners

SENTINEL KEE T-Joint Patches – 4.5-inch diameter circles of 60 mil reinforced P150 membrane

SENTINEL KEE VCM – A 24 gauge (0.6 mm) galvanized metal sheet with a 20 mil SENTINEL KEE membrane laminated to one side

SENTINEL KEE Boot Flashing – A factory-fabricated pipe flashing using polyester-reinforced PVC membrane