



Reliable Membrane for New Construction or Re-Roofing Projects.

Since 2000, the Tremco Roofing TPA membrane has been widely used for both new construction and re-roofing on such buildings as manufacturing plants, distribution warehouses, office buildings, shopping malls, schools and hospitals, as well as on extreme applications such as restaurants, automotive assembly plants and airports.



Two options are available to ensure that we can cover virtually any roof, no matter how complex: the white, reflective Tremco Roofing TPA and Tremco Roofing TPA FB (Fleece Backed) membranes. The durable, flexible Tremco Roofing TPA membrane is an excellent choice for roofs that have numerous structures and penetrations. With its polyester fleece backing, the TPA FB membrane is the right choice when you have a concrete roof deck or challenging curves and slopes.

Whether you choose the Tremco Roofing TPA or Tremco Roofing

TPA FB membrane, you'll enjoy benefits like exceptional weatherproofing, a more sustainable facility, potentially lower energy use, expert installation and an excellent warranty.



Tremco Roofing TPA SINGLE PLY SYSTEMS



Mechanically Fastened/ Ballasted/ Fully Adhered Membrane

Building owners and contractors are hard pressed to find a better membrane than Tremco Roofing's TPA sheet, with its long-lasting formulation and durability. From its ease of application to outstanding performance and long-term savings, our TPA single ply membrane continues to satisfy new and repeat customers while meeting or beating the ROI expectations of building owners.

TPA is remarkably pliable. It's easy to trim and shape, a time-saver when pipes, structures, ducts, or air conditioners break up your roof. Plus, the membrane's wider sheets install more quickly and with fewer seams. As for performance, its PVC with DuPont™ Elvaloy® KEE-based compound sets the industry standard for every kind of resistance: tears, punctures, water, UV, oil, chemical, salt, and other pollutants and contaminants; the major code organizations have also fully approved our TPA system for fire resistance. The KEE reinforces the embedded, wick-resistant, industrial strength polyester scrim and provides years of problem-free service under normal conditions.

Installation is simple and efficient. The seams are hot air welded and are easy to adhere and foolproof, forming a fused bond along the overlapping rolls as strong as the TPA material itself. Because TPA is so tough, with its high-tenacity, non-wick polyester reinforcing scrim, you can choose just the thickness you need and save money on material. Tremco Roofing's TPA also uses a reliable patented, aramid fiber reinforced edge for superior strength.

TPA Technical Data

Suitability: Almost any commercial roofing application -- sloped, curved or flat

Composition: A tri-polymer alloy based on DuPont™ Elvaloy® KEE

Reinforcement: Wick-resistant polyester scrim



Properties: *Standard width:*

- 78"W x 108'L for 45 mil
- 78"W x 90'L for 60 mil
- 78"W x 75'L for 80 mil
- 120"W x 100' for 45 mil
- 120"W x 100' for 60 mil
- 120"W x 100' for 80 mil

Application:

Mechanically fastened/ballasted/fully adhered and hot-air weld



Two options:

Grey, 80 mil thickness or
safety yellow, 156 mil thickness

TPA W

Fleece-Backed/ Reinforced Adhered Membrane



The Tremco Roofing TPA FB system, with its polyester fleece backing, was specially designed for fully-adhered applications. It is particularly cost effective on concrete roof decks and roofs with unusual curves and slopes.

Using the same DuPont Elvaloy KEE-based compound as Tremco Roofing's TPA membrane, TPA FB shields the building from weather, pollutants, UV rays, salt, air exhaust and ozone. The TPA FB fleece backed membrane can be adhered using either asphalt or Tremco Roofing's adhesives for a weathertight roof that will last for years.

Contractors who also apply built-up roofs find the Tremco TPA FB system an excellent option because it uses the same hot asphalt equipment and expertise as built-up roofs. The fleece backing, added to the membrane's integral polyester reinforcing, means a double reinforcement, with more strength ... and more protection than competing non-fleece backed adhered systems.

The Tremco Roofing TPA FB membrane is a sustainable option that is less labor intensive when applied direct to concrete, and typically offers excellent wind and hail resistance.

TPA FB Technical Data

Suitability: Concrete decks, odd shaped or sloped roofs as well as steel and wood

Composition: A tri-polymer alloy based on DuPont™ Elvaloy® KEE

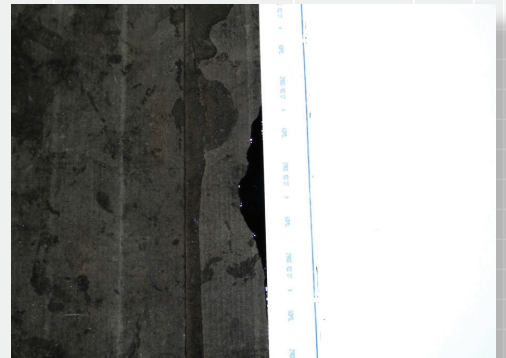
Reinforcement: Wick-resistant polyester scrim with a specially designed fleece backing

Properties: *Standard width:*

- 76'W x 90'L for 45 mil
- 76'W x 90'L for 60 mil
- 76'W x 75'L for 80 mil

Application:

Fully-adhered using standard Type III/Therm 80 asphalt or Tremco adhesive



These walkpads are designed for use with Tremco Roofing TPA systems to provide protection around rooftop equipment. They are a polyester reinforced, thermo-plastic membrane engineered to provide a defined, slip-resistant, traffic-bearing walking surface. The low profile TPA walkpad is mold, mildew and chemical resistant and is easy to clean.

Walkpad

For complete specifications on TPA or TPA FB, go to www.tremcoroofing.com or call 1-800-852-6013

Benefits Comparison:

FROM A CONTRACTOR'S VIEWPOINT:

- Wide rolls mean fewer seams, which means lower labor costs
- Hot air welded seams are fully fused, no adhesives to fail
- Compatible with asphalt
- Non-curing Elvaloy-based compound means you can re-cut and repair the membrane indefinitely

FROM A BUILDING OWNER'S VIEWPOINT:

- White reflective surface* can help lower energy use
- Elvaloy-based compound resists water, contaminants and pollutants
- Lightweight, with a building load of two to four pounds per square yard
- Excellent wind uplift resistance due to film strength PVC combined with single layer adherence
- Easy to maintain
- Decades long flexibility for easy future tie-ins and repairs

**custom colors grey & tan available on request*

FROM A SUSTAINABLE VIEWPOINT:

- TPA has a minimum 25% recycled content
- Light-reflective roofing based on Elvaloy® KEE can be part of a community's effort to reduce ambient heat buildup

Tremco TPA Membranes Support Sustainability



Tremco Roofing membranes help meet sustainability goals because:

- They prolong the service life of structures for years
- Facilities are more comfortable because the white membranes absorb less heat
- Reflectivity reduces energy consumption and the strain on HVAC systems, while diminishing a building's carbon footprint
- The Urban Heat Index is lowered, cooling the air to help benefit everyone
- 25% pre-consumer recycled content leads to a more sustainable building

TREMCO
ROOFING & BUILDING MAINTENANCE

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