





ABOUT TRUE SEAL

True Seal's mission is to provide custom solutions to keep the elements at bay so our customers can enjoy the peace of mind they so deserve.

True Seal has been at the forefront of environment-friendly roofing solutions since our inception. With the same formulation since 1995, our aim is to provide sustainable roofs that are durable and dependable so they can **"withstand the test of time"**.

At True Seal, we believe that whether you are protecting your building or relaxing on your deck you should never have to fear the forces of Mother Nature.

Our membranes are the best choice when it comes to low maintenance, cost effectiveness, sustainability and long-term durability. Our experienced contractors have undergone rigorous training to ensure quality craftsmanship every time. Our membranes have been extensively tested and exceed industry standards.

Tough | Versatile | Dependable





WHY CHOOSE A TRUE SEAL ROOFING SYSTEM?

Since 1966, PVC roofing membranes have been proving their versatility and durability all across the globe with billions of square feet installed. PVC is the most commonly used plastic in the world for construction applications for one simple reason; it lasts!

REASONS TO CHOOSE A PVC ROOF

- Provides a monolithic seal across the entire roof surface
- Very low total life-cycle cost
- Extremely light weight versus traditional roofing systems
- Easy to add additional units at a later time
- No foul asphalt odours
- Long warranty periods of up to 30 years!
- Very easy to identify and repair leaks
- Faster installation means less construction time and less disruption
- Solar ready
- LEED and Energy Star Certified
- Recyclable
- Virtually no maintenance

TRUE SEAL MEMBRANE ADVANTAGES

- Formulated since 1995
- Accelerated Weather Testing
- Industry approved by ICC, FM, and ASTM
- Chemical Resistant
- Long Life Span
- Multitude of Applications
- Moisture and UV Resistant
- Minimal Disruption for Installation
- Industry Leading up to 35 year
- Energy Efficient
- Exceptional Durability
- Cost Effective
- Approved Contractors
- Ability to mop into Hot Asphalt

TRUE SEAL™ MEMBRANE LINE UP

TRUE SEAL™ MEMBRANE OPTIONS

Color: Given the 'Cool Roof' reflectivity advantages, white membrane is definitely the standard colour for PVC roofing systems. Tan and light grey are the most common secondary colours. Special order colours are available upon request. The versatility of the manufacturing process allows for the creation of virtually any color desired, as well as printed design options. Standard colors:



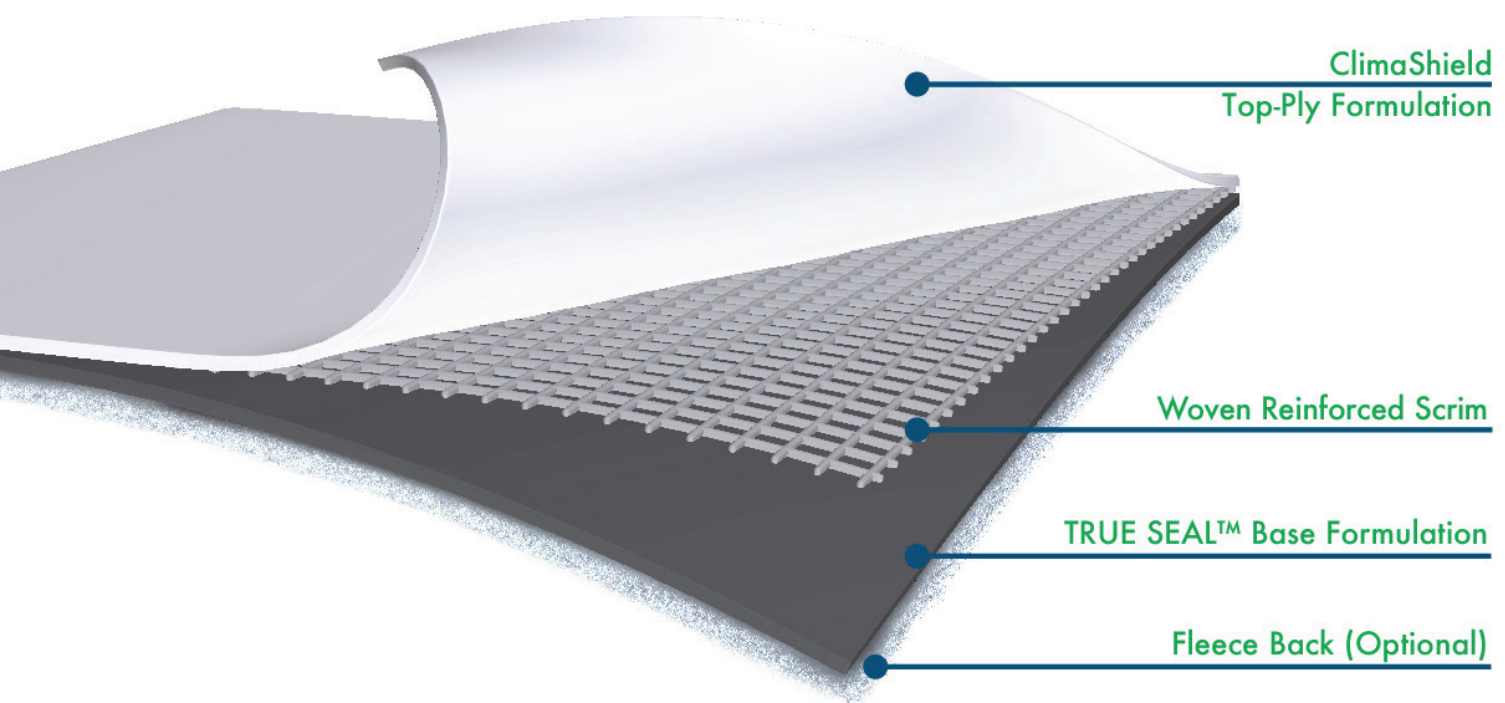
Thickness: The industry standard for PVC roofing is 50mil. All of our membrane options are available in 50mil, 60mil and 80mil versions.

TRUE SEAL™ PVC CLIMASHIELD™ MEMBRANE

True Seal™ Roofing Membrane provides the time tested benefit of True Seal's ClimaShield™ PVC Roofing Formulation. ClimaShield™ Top-Ply allows for easier welding and keeps the membrane cleaner longer to maximize reflectivity. Reinforced with a 9x9 1000-denier woven polyester scrim, True Seal™ PVC provides superior durability and versatility for all roofing applications and functions.

TRUE SEAL™ FLEECE BACK MEMBRANE

True Seal™ Fleece Back is ideal for applications over abrasive surfaces like concrete or granule-surfaced membranes, as no protective sheet is typically required. The fleece allows for further adhesive options vs standard vinyl backed membranes. This can assure compatibility with the underlying roof system in a re-cover over True Seal approved substrates. True Seal's Fleece Back Membrane can also be mechanically attached or fully adhered using low rise foam adhesives, providing superior installation flexibility.



TECHNICAL EXPERTISE- WE'VE GOT YOU COVERED

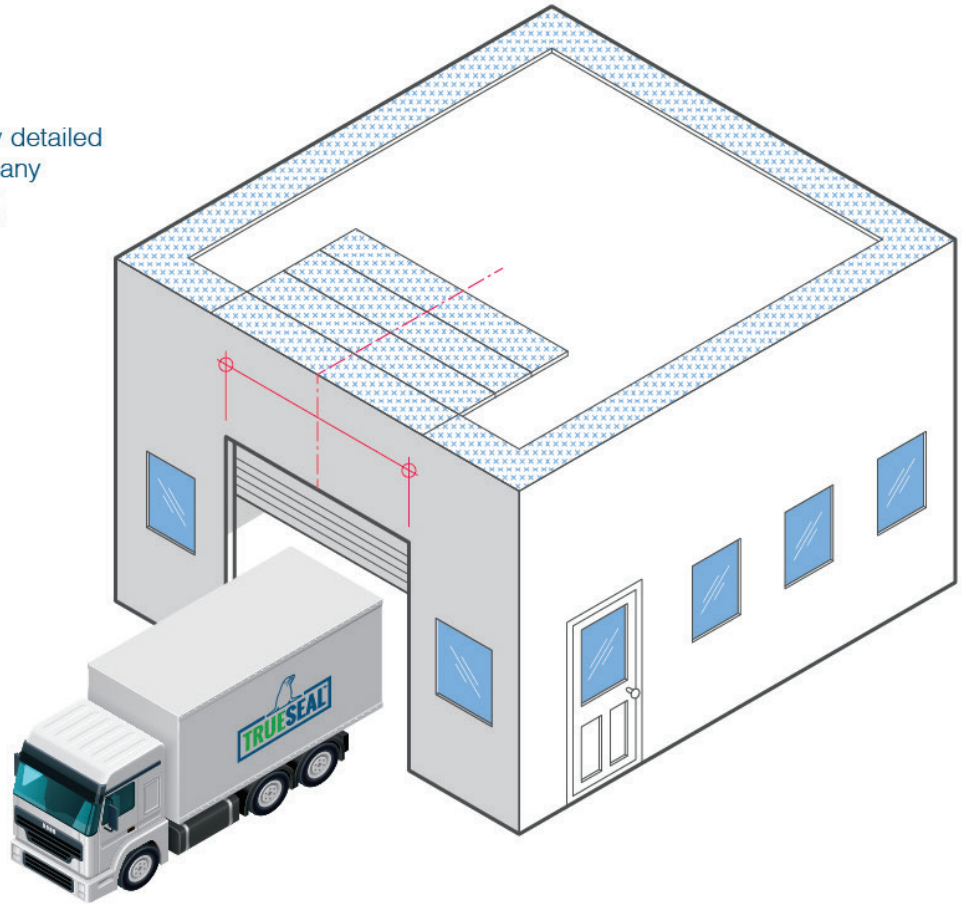
No two roofs are exactly the same, this is why detailed planning and expertise is necessary for any successful installation. Years of innovation have culminated in precision solutions for every project challenge.

Our fully engineered installation specifications ensure that all the various details of your building are appropriately addressed.

Our experienced and readily available technical specialists are always on hand to help.

Every aspect of your roofing requirements are planned in advance at the design phase to ensure on-site material availability and to reduce human error.

Once the True Seal custom membranes and accessories are delivered to site, our quality installers can do the rest!

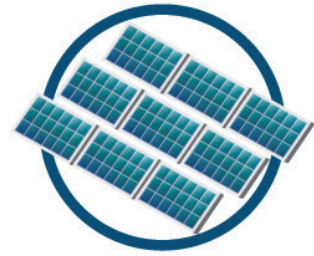


TRUE SEAL™ ACCESSORIES

“Every roof is a puzzle, at True Seal we make sure you have all the pieces!”

The durability and versatility of a PVC roof cannot be overstated! In the last 40 years the advantages of PVC roofing has made it an increasingly popular solution for all building types. A long life cycle, cooling effects, fire resistance, recyclability, low maintenance and long warranty periods are just some of the inherent benefits of PVC systems.

In addition, human error is drastically removed from the construction equation as the membrane and associated accessories are precision fabricated at manufacturing level and customized according to the needs of the specific project.

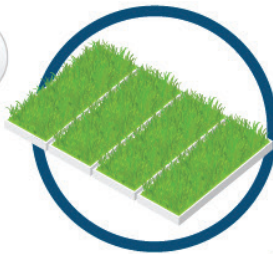


SOLAR RE

- Light Weight
- 20 year + War
- Reflective Sur
- Cool Surface

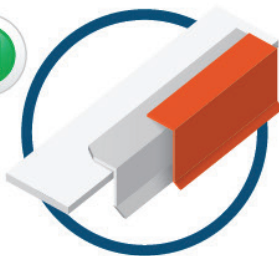
GREEN ROOFING

- Perfect Liner for Green Roofing
- Mold Resistant
- LEED and Energy Star Certified



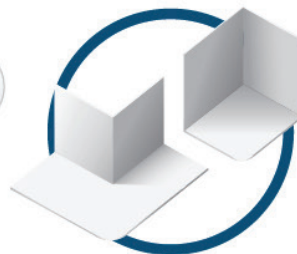
TRUE EDGE™ FLASHING

- Wide Selection of Colours
- Custom Styles and Gauges



INSIDE / OUTSIDE CORNERS

- Reinforced Corners
- Provides Enhanced Strength



READY

Warrantys
face



PITCH POCKET

- Custom Sized



PIPE FLASHING

- Custom Sized
- High Heat Tolerance



BREATHER VENT

- Allows Air Flow
- Creates Negative Pressure



CURB FLASHING

- Custom Sized



DRAIN

- Latest Technology
- Various Sizes



SPECIALTY ROOFING APPLICATIONS

SUSTAINABILITY

At True Seal, our goal is to provide clients who love the environment as much as we do with roofing solutions that can “withstand the test of the times and the tides”.

Our membranes have a net positive impact on the environment in a variety of surprising and exciting ways...

There is actually very little waste when our PVC membranes are processed. As components pass through the system almost 99% of usable material is extracted. Our flexible UV resistant material lasts for decades making it the perfect material for future roofing products.

The TrueSeal white roofing membrane is a ‘cool roofing’ product which reflects up to 87% of the sun's energy. This simple property translates to incredible energy savings for your building. Unlike being heated by a traditional black roof, your building becomes naturally cooled by reflecting that energy rather than absorbing it. In addition, air conditioners on your roof do not have to start their work with super-heated temperatures found on traditional black roofing systems. This means the air conditioners can work less often and with less intensity, prolonging their usable lifespan and dramatically reducing your cooling costs.

GREEN ROOFS

Green Roofing has become a global phenomenon that is on the rise. ‘GreenScaping’ our cities is one of the most positive steps humanity can take in giving back the Earth and combatting global CO2 emissions. The various True Seal membrane types, formulations and thicknesses ensure that there is always a perfect solution to any green roofing project!

- Designed to withstand ponding water
- Endures acidic soil and high pH conditions
- Impervious to root systems



SPECIALTY ROOFING APPLICATIONS

SOLAR READY ROOFS

The Perfect Marriage! Our highly reflective membranes enhance solar PV system's efficiency. Since the white membrane is a 'cool roof' product, it dramatically reduces the temperature (and electrical resistance) of the surrounding solar panels allowing the panels to produce additional kWhrs of energy. More solar energy means less power required from non-renewable energy sources.



Structural Considerations: All rooftop solar projects undergo strict structural analysis before any project can commence. The average solar array weighs 3-4lbs per square foot. The average traditional hot tar and gravel roof weighs 7-10lbs. The True Seal system weighs as low as 0.47lbs per square foot including insulation, which makes this system an easy decision for any structural engineer.

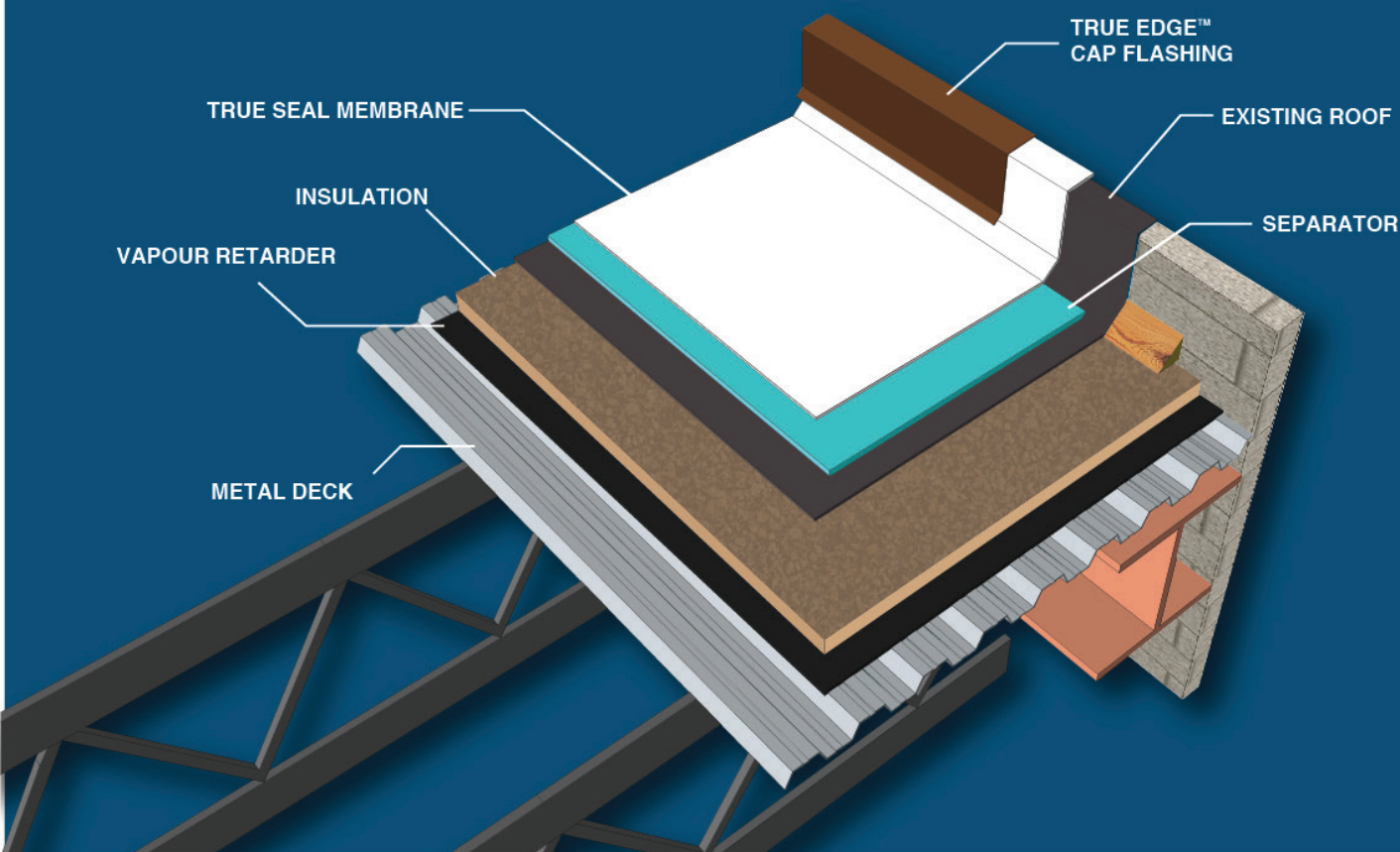
Project Versatility: No two projects are the same. Site and building conditions can often dictate build-out requirements. True Seal offers a variety of roof installation options; mechanically fastened, fully adhered as well as ballasted. For high wind or seismic areas True Seal Roof Anchors can also be utilized to anchor system racking directly to the roof system.

Project Longevity: The average solar panel warranty comes with a 10 year product warranty and 25 year performance warranty. In reality these solid state panels last well beyond 30 years. Since the roof has to host this system it has to be able to match this lengthy service life. True Seal roofing systems offer warranty periods of 20, 25 and 30 years, a perfect marriage for any solar system.

Project Profitability: The True Seal solar ready cool roofing system automatically increases the energy production efficiency of any solar PV system by default of being a white roofing system. In addition, our proprietary ClimaShield™ enhances the our membrane reflectivity and further resists environmental soiling.

Bi-Facial Solar Considerations: The next evolution in solar PV panels is Bi-Facial panels whereby transparent solar cells are utilized on both sides of the panels. With this cutting edge emerging technology the reflectivity of sunlight or the 'Albedo effect' off the roof surface becomes a major consideration for project revenue forecasting. In conjunction with other system design elements our 87% reflectivity rating allows for up to 30% additional energy gains over traditional panels on dark roofing systems.

“When you think Solar PV, think True Seal PVC!”



OVERLAY SYSTEMS

Unlike traditional roofing systems, True Seal PVC systems are extremely light weight and are suitable for re-roofing projects that may not require the removal of the original roof. This type of 'Overlay' or 're-roof' system has become an extremely popular solution for building owners because its benefits are hard to ignore!

IS YOUR ROOF A CANDIDATE FOR TRUE SEAL'S OVERLAY SYSTEM?

Candidacy for a True Seal™ overlay solution begins with the due diligence of your roofing contractor. Core samples from the existing roof serve to ensure that the system is not saturated with moisture. Additional measures such as moisture probing and thermal scanning can be deployed if there are any remaining concerns. An overlay system is in many cases a preferred method as long as the roof is not saturated and the existing insulation is an approved substrate.

OVERLAY ADVANTAGES

Cost Effectiveness - Avoiding original roof removal reduces labour, garbage bins, travel and tonnage charges for carting away the waste. More affordable insulation/separator options also become available.

Value Retention - Your existing roof already has valuable insulation, why throw it away unnecessarily?

Less Disruption - Significantly less noise, dust, odours and debris by not cutting into the old roof

Reduced Project Time - Up to 60% faster installation times

Light Weight - In most cases, adds just over 0.5 lbs / sqft

WARRANTY LINE UP

The True Seal™ PVC formulation has been a proven and trusted roofing system for decades. True Seal™ offers a selection of warranties to meet any project need and budget. Every True Seal™ installed roof undergoes a rigorous inspection before any warranty is issued. We proudly stand behind all of our warranties so that you can enjoy the peace of mind you deserve.



The Membrane Warranty covers any manufacturing defects for the warranty term specified.



The Material and Labor Warranty covers any manufacturing defects and the labor to replace any deficient membrane and True Seal supplied material for the warranty term specified.



The Full System Warranty covers any manufacturing defects and the labor to replace any deficient membrane and True Seal supplied material, as well as covering the installation workmanship for the warranty term specified.

Coverage Summary	Replacement of defective TS PVC membrane and PVC membrane accessories	Replacement of defective TS materials & related labor	Replacement of defective TS materials and labor and workmanship
PVC Warranty Duration (maximum)	50mil : 20years 60mil: 25years 80mil: 30years	50mil : 20years 60mil: 25years 80mil: 30years	50mil : 20years 60mil: 25years 80mil: 30years
Components	PVC Membrane and PVC Accessories	Yes (purchased from TS)	Yes (purchased from TS)
Labor	Membrane Only: No Membrane Plus: Yes	Yes. Includes the cost of replacing defective material	Yes. Covers 100% of the cost of workmanship to repair leaks under the terms of the warranty
Workmanship	No	No	Yes
NDL Option	No	Yes (up to 25 Year Limit)	Yes (up to 25 Year Limit)
Post-Install Inspection Required	No	No	Yes
Requires Authorized TS Contractor	Yes	Yes	Yes
Transferable	Yes	Yes	Yes

Additional details apply, please refer to applicable warranty details.



Tough | Versatile | Dependable

