

# T. Clear Protected Membrane Roof System

# WARRANTIES

## Total Performance, Season After Season

Season after season, year after year, a T. Clear Protected Membrane Roof System keeps the waterproof membrane shielded from damage caused by ultraviolet radiation, thermal shock, wind, hail, caustic smog, maintenance traffic and even vandalism.



You might think that providing a product engineered to last would be enough for T. Clear, but the protection hasn't stopped there. T. Clear Corp. was among the first in the industry to offer a No Dollar Limit Extended Warranty, the Total Performance Warranty. T. Clear still offers building owners the Total Performance Guarantee, which insures water tightness, insulating value, and product integrity. If you have trouble with your roof,



you won't have to play referee while one manufacturer or contractor after another denies responsibility for their product or workmanship. In a T. Clear Total Performance Warranty, T. Clear assumes responsibility for the total roof system.



### How Can T. Clear Do That? It's Not Rocket Science, It Just Works.

Protected Membrane Roof (PMR) Systems are engineered to last. By placing the waterproof membrane beneath the insulation, the membrane is protected from the damaging forces of nature, such as ultraviolet radiation, harsh temperature swings and even hail; and careful engineering keeps the system in place during strong winds. The ballast protects the membrane from man-made events such as physical abuse from dropped tools and maintenance traffic.



T. Clear Corp. has over 40 years experience with PMRs, starting with the manufacturing of LightGUARD® Ballasted Roof Insulation. Over that timespan, we have seen that waterproof membranes in a properly-installed PMR system will stay as pliable and effective as the day it went down; even after 20 years.



To assure you of similar long-term performance, T. Clear's Warranted PMR systems are only sold through Authorized Sales Agents and Distributors and only installed by

T. Clear Approved Contractors. T. Clear understands that a Total Performance Warranty may not fit the needs of every building owner, that's why there are two main warranty options: the Limited Warranty and the Total Performance Warranty. Each of those is available in 10-, 15- and 20- years and can also have an additional Wind Warranty added to them as well. See the "[Approved Deck Membrane Assemblies](#)" Detail on the Technical Binder page of the T. Clear website, [www.tclear.com](http://www.tclear.com) for a list of acceptable applications.



## Limited Warranty



For only the cost of an inspection fee, T. Clear Corp. offers 10-, 15- and 20-year Limited Warranties, guaranteeing that for the warranty period the

LightGUARD® /HeavyGUARD® will stay in place on the roof in winds up to 90 mph, will retain 80% of its R-value and will not delaminate or deteriorate.

## Total Performance Warranty

This is a single-source, no-dollar limit warranty backed by T. Clear Corp. for 10-, 15- or 20-years. See the [“Approved Deck Membrane Assemblies”](#) Detail for a list of acceptable applications.

## Wind Warranty (100-120 mph)

An additional wind warranty to cover wind



speeds up to 120 mph is also available from T. Clear for both the Limited and the Total Performance warranties. To be covered by this warranty, the roof

system must be designed for the next highest wind rating and all inspections must be adhered to and the inspector must approve the installation.

Contact T. Clear Corp. or the T. Clear Sales Agent in your area for warranty and inspection costs. Charges for warranties and inspections will be collected from the Authorized Contractor at the completion of the roof system installation and passing inspection. The desired warranty/warranties must be noted on the Notice of Award before the job begins so that T. Clear can ensure that the proposed installation methods have been designed for longer life expectancy.

## Limitations, Exceptions & Costs

Problems can occur when standards of design and installation are not met. As a result, T. Clear does limit warranties to systems:

- That are reported to and approved by T. Clear
- Where the dew point remains above the membrane
- That are properly secured with stainless steel, Galvalume®, Zincolume® or Kynar®-coated steel, or other as approved
- Where flashings are appropriately covered
- That have no areas greater than 10 sq. ft. that do not drain within 48 hours after a rainfall
- Buildings that normally operate at temperatures above 40°F and below 90°F or at relative humidities below 75%
- And others by approval.



The building owner will be responsible for establishing a regular maintenance program for their PMR System and making sure yearly inspections are completed. See the [“Warranty Maintenance Checklist”](#) on the Technical Binder page of the T. Clear website, [www.tclear.com](http://www.tclear.com). T. Clear’s Agents and Technical Support staff can help you



develop the right plan for your roof. They are also available to consult on any repairs, tie-ins or installations on your existing roof surface.

Please check with them before doing any major work, as they can help you prevent problems caused by incorrect installations that could void your warranty.