



TRENDS IN THE MARKET / JULY 2020 ISSUE

The week of August 23-29 will celebrate National Roofing Week 2020. The focus each year is to raise awareness of the significance that roofs play in every home and business across the United States. Organized by the National Roofing Contractors Association, this week serves as a reminder that the roof is one of the most important components of every structure. At its most basic level, a roof's main function is to enclose the structure and protect it from the effects of the elements such as rain, hail, wind, sun and snow. In all cases, it's the first line of defense to resist the damaging effects of mother nature. A properly designed and installed roof protects the structure from these elements and increases its thermal performance by reducing energy loss and optimizing its performance.

For over 40 years, T. Clear has been protecting roofs with its LightGUARD® and HeavyGUARD® Protected Membrane Roof System. LG & HG have provided durability, sustainability and energy efficiency for roofs throughout the United States and abroad. Protected Membrane Roof (PMR) systems for flat or low-slope commercial structures offer many benefits to building owners and provide sustainable design options for architects in their designs. Today, there are a variety of roofing membrane options when it comes to flat roof designs. Their importance is great because they commonly cover large roofs that are found in factories, warehouses, schools/universities and large public structures. LG and HG provide several benefits and protect the roofing membrane from the elements, both natural and man-made.

VISIT OUR WEBSITE @ TCLEAR.COM



We've Got North America Protected

Here's just a quick snapshot of some of our product line installations throughout North America over the last couple of years. From below-grade to the roof top, T. Clear has the building envelope products for any area of the country.

"On The Road Again"



WallGUARD® Parapet Wall Protection

Parapet walls perform a number of important functions. The major function is to protect the edge of the roof assembly from wind uplift. Parapet walls dramatically reduce the pressures from wind vortices at the roof edges and protect the roof assembly from blow-offs.

In addition to wind concerns, parapet walls are also subjected to extreme temperature changes, moisture intrusion from three sides and roof stresses. WallGUARD Concrete Faced Insulated Perimeter Wall Panels address this issue by providing Styrofoam® brand insulation with a factory applied latex-modified concrete facing. Panels provide impact resistance and meet continuous insulation requirements.

WallGUARD
"Durable Finish & Insulation in One Step"

Can Your Roof Withstand Hail This Size?
Ours can...we can prove it!



Hail An Increasing Challenge in Roofing

Hail storm damage has become a very serious topic and challenge in today's roof designs. As of July 28, there have been a total of 1,196 reported hail storms in July according to StormSite.com. Just last month, 5" diameter hailstones fell from the sky in Burkburnett, TX that actually tore holes in roofs. The top five states for hail damage are TX, KS, NE, MO & OK although all states are prone to their damaging effects.

In independent lab testing, LG withstood the impact of 2" diameter ice spheres traveling at 109 fps and HG withstood 3.5" ice spheres at 146 fps. The Result...no damage to the membrane and only cracking of the LG/HG concrete surface! Watch our 3-minute video to see for yourself; <https://youtu.be/6SeYSAF7tM0>.

LightGUARD & HeavyGUARD
"Up to the Challenge"

**DURABLE, SUSTAINABLE, ENERGY EFFICIENT
CONCRETE BUILDING ENVELOPE PRODUCTS**

SPECIFICATION DATA

T. Clear products can be found on ARCAT for architects and specifiers? ARCAT is the leading online resource of free building product information. CSI 3-part and Canadian CSC architectural specs can be downloaded and customized for residential and



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