



PYRAMIC® & PYRAMIC® PLUS LO LIQUID-APPLIED REFLECTIVE COATING SYSTEMS

UV radiation from the sun deteriorates roof systems. But Garland's water-based Pyramic reflective roof coating systems can extend a system's service life. These bright white coatings are designed to preserve asphaltic modified bitumen roof systems and provide all-important protection from harmful UV radiation. This protection – provided by Pyramic's highly reflective surface – lowers temperatures on the building's surface to not only reduce stress on the roof system but also reduce energy costs for the building owner.

Quick Info:

- Extends Roof Life
- Reduces Energy Consumption
- Low Odor
- Adds Durability
- Eco-Friendly
- Safe

The Difference:

While **Pyramic Plus LO** maintains all the high-performance qualities of the original Pyramic product, it does have some exclusive additions.

- **Urethane Chemistry** – Pyramic Plus LO is formulated with a unique blend of urethane (as opposed to the pure acrylic chemistry of the original Pyramic). This blend of urethane significantly increases the strength and flexibility of the coating system for longer-lasting protection.
- **Mold & Bacteria Control** – Because water-based products can be vulnerable to bacteria, mold and fungus growth which can speed up roof deterioration, our development team added a comprehensive biocide package to Pyramic Plus LO to minimize the growth of these microorganisms on the coating surface.

Top features of Pyramic family of reflective coatings... And how they benefit you.

Guards Against Deterioration – The bright white finish reflects the sun's ultraviolet rays to reduce their damaging effects to the roof. In addition, roofs contract and expand as they heat up during the day and cool at night. Roofs coated with one of the Pyramic coatings do not experience such large temperature fluctuations.

Why it matters – UV radiation accelerates roof system degradation. By blocking that radiation, Pyramic systems slows down that deterioration and prevents the roof from failing prematurely. Lessening the need for future maintenance issues and premature replacement costs saves building owners both money and headaches.

Reduces Surface Temperatures & Saves Energy – Typical, dark colored roofs can absorb more than 70% of the solar energy that reaches the surface, creating surface temperatures above 180°F (82.2°C) and raising indoor temperatures as a result. But Pyramic coatings reduce roof temperatures by up to 80°F (26.7°C).

Why it matters – Cooler roofs – like those coated with Pyramic – undergo less expansion and contraction which means that they will not be as fatigued and will last longer. Plus, in many parts of the country, reducing surface temperatures can significantly reduce indoor temperatures as well as the strain on HVAC systems to control the air temperature. With less energy spent to cool the air, building owners will see savings on their energy costs.

Safe – Made up of entirely non-hazardous materials, Pyramic coatings are safe and non-toxic. Plus, with unique ingredients to inhibit fire, systems incorporating Pyramic can achieve Class A fire rating up to slopes of 1:12 slopes.

Why it matters – This material is safe for applicators and does not come with some of the hazards of a less stable material. Systems coated with Pyramic systems even go an extra step, helping to inhibit fire on the building exterior.

Low Odor & Occupant-Friendly – Pyramic coatings are water-based as opposed to solvent-based, so there is no unpleasant odor associated with the systems.

Why it matters – With an odor comparable to a standard house paint, these systems will not disrupt building occupants or business as usual. This makes Pyramic coating systems ideal for sensitive application locations like schools, hospitals and densely populated areas.

Easy to Apply – The Pyramic systems are designed for easy application. The system base coat options are both tinted and the system top coat options are bright white. This two-tone design allows applicators to see exactly where the top coat is – and is not – being applied to ensure that uniform coverage is achieved.

Why it matters – Proper coverage rates are critical to the success of any coating project. Too much or too little coating will negatively affect the success of the system. But by allowing applicators to efficiently and confidently apply the system, Pyramic ensures a more successful and longer lasting system.



The Garland Company, Inc.
www.garlandco.com
Toll Free: 800-321-9336

Garland Canada Inc.
www.garlandcanada.com
Toll Free: 800-387-5991

The Garland Company UK, LTD
www.garlandukltd.co.uk
Toll Free: 0800 328 5560

Pyramic is a trademark of The Garland Company, Inc.

© 2018 Garland Industries, Inc.