

OVERVIEW & FEATURES

Pyramic is a white, non-toxic, fire retardant roof coating. Formulated from water-based, pure acrylic, self-curing latex polymers, Pyramic preserves asphaltic or modified bitumen surfaces and reduces under roof temperatures to create a more pleasant interior work environment that is less costly to maintain. Pyramic's high-performance acrylic polymers give added strength, flexibility, adhesion, and color-retention to aged roofing systems. Pyramic also contains unique "bleed-blocking" polymers that make it very suitable for use over asphaltic surfaces. It is designed for application by brush, roller or spray.

Energy Savings - Typical, dark colored built-up roofs can absorb over 70% of the solar energy that reaches them, creating temperatures over 180°F (82.2°C). Studies confirm that Pyramic reduces roof temperatures by 50-80°F (10-26.7°C) and save significant energy during the summer months.

Extends Roof Life - UV radiation accelerates roof system degradation. Pyramic's white, flexible finish reflects the sun's ultraviolet rays and reduces their damaging effects. In addition, roofing materials contract and expand as they heat up during the day and cool at night. A roof coated with Pyramic does not experience such large temperature fluctuations; therefore, the roofing system undergoes less fatigue.

Environmentally Friendly - Pyramic eliminates the flammability and toxicity hazards associated with solvent based coatings. There are no irritating or unpleasant odors with Pyramic. Pyramic is an approved product under CRRC® and Title 24 standards.

Fire Retardant - Pyramic contains a unique blend of ingredients that produce a superior, flame-retardant surface. Passes Class A Fire Rating for slopes up to 1:12 slope when installed over a suitable substrate.

APPLICATION

Loose materials, standing water, debris, oil, and other contaminants may prevent full adhesion of the coating and must be removed. The existing roof surface must be sound and free of defects such as blisters, splits, fishmouths, etc. Repair all defects with suitable patching material. All fresh applications of mastics, coatings or asphalt adhesives require a minimum of 30 days to cure prior to application of Pyramic. Stir product before use, but do not thin.

The Pyramic system can be spray, brush or roller applied. Apply one coat of Pyramic Base Coat at the rate of 1 - 1.5 gal. per 100 sq. ft. (0.41 - 0.61 l/m²). Then top coat with Pyramic at a rate of 1 gal./100 sq. ft. (0.41 l/m²) over smooth modifieds and 1.5 gal./100 sq. ft. (0.61 l/m²) over mineral surfaced modifieds in a crosshatch manner. Total coverage rate should be 2 gal./100 sq. ft. (0.82 l/m²) over smooth and 3 gal./100 sq. ft. (1.22 l/m²) over mineral surfaces. Using the gray base coat allows you to see even coverage of the top coat. For more spray application information, see the Pyramic system spray application guide for details.

PRECAUTIONS

- Do not apply when the ambient temperature is below 50°F (10°C) or above 95°F (35°C)
- Do not use on roof areas subject to ponding water or where there is standing water for more than 48 hours
- Do not use on roofs with less than 1/2" slope
- Avoid drain sumps that hold water for more than 48 hours, Garland recommends the use of White-Star™ in these areas
- Do not apply when rain is expected within 12 hours
- Do not allow product to freeze
- Store material in dry protected areas and on clean raised platforms
- Do not apply over Millennium® or any coal tar-based product
- Coverage rates may vary based on surface condition / texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.

Pyramic®

Technical Data	Pyramic
Non-Volatile (ASTM D 1644)	66% min.
Density @ 77°F (25°C) (ASTM D 1475)	12 lb./gal. (1.43 g/cm³)
Weathering (ASTM D 4798)	No deterioration over 1,000 hours per ASTM G 26 test requirements
Elongation (ASTM D 2370)	100% minimum
Tensile Strength (ASTM D 2370)	200 psi minimum
Color	White
Shelf Life	1 year
Coverage*	1 - 1.5 gal. per 100 sq. ft. (0.41 - 0.61 l/m²) top coat
Packaging	5 gal. pail (18.9 l) 55 gal. drum (208.2 l)

*System is a two coat application; first coat uses Pyramic Base Coat.
Total coverage is 2 - 3 gal. per 100 sq. ft. (0.82 - 1.22 l/m²)

Eco-Facts	Pyramic
VOC	< 50 g/L
Reflectance	0.84
Emittance	0.91
SRI	106

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.



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Valid in U.S. only



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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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