

Pyramic® Plus LO Base Coat



OVERVIEW & FEATURES

Pyramic Plus LO Base Coat is a gray, water-based, acrylic-urethane roof coating. Pyramic Plus LO Base Coat is designed to be the first coat of a two-coat paint system with Pyramic Plus LO as the top coat. Pyramic Plus LO Base Coat is 100% water-based and non-toxic, contains uniquely formulated biocides that minimize the growth of micro-organisms including bacteria, fungi, and algae. Combined with the Pyramic Plus LO topcoat, this Pyramic Plus LO system is designed to preserve asphaltic modified bitumen surfaces from UV degradation and lower temperatures on the roof surface. That's what makes the Pyramic Plus LO system one of the most resilient acrylic roof systems on the market

NOTE: While Pyramic Plus LO Base Coat is intended as a base coat layer, it is UV stable and can be used as a top coat as well.

Durable – This unique acrylic-urethane chemistry is engineered to be flexible, allowing it to flex with the roof's movements instead of breaking. The durable materials are meant to not only protect the surface beneath, but actually extend the life of the roof.

Inhibits Mold & Bacteria Deterioration – Pyramic Plus LO Base Coat contains a proprietary, specifically-engineered biocide package that minimizes the formation and growth of mold, fungi, algae and bacteria. This biocide package helps the coating surface stay cleaner, thus, reducing the effects of solar heat gain and damage.

Easy to Use – Pyramic Plus LO Base Coat has a gray tint which makes it easier for applicators to properly apply the top coat of the system. Due to the color difference in this base coat and the top coat, applicators won't need to guess where the white top coat has covered or not covered, resulting in a more successful installation and a longer lasting system.

SURFACE PREPARATION

Remove all loose material, standing water, debris, oil, and other contaminants that could prevent full adhesion of the coating. The existing roof surface must be sound and free of defects such as blisters, splits, fish mouths, 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 Plus LO Base Coat.

No primer is required. However, if stains from asphalt oils in the roof system are a concern, apply Garla-Block™ primer before application of Pyramic Plus LO Base Coat to prevent future stains in the Pyramic Plus LO coating.

APPLICATION

The complete Pyramic Plus LO system is two coats. The first coat is Pyramic Plus LO Base Coat. This system can be applied by spray, brush or roller. Stir product before use, but do NOT thin.

First, apply one coat of Pyramic Plus LO Base Coat to the prepared surface at a rate of 1-1.5 gal./100 sq. ft. (0.41 - 0.61 l/m²).

After applying this base coat, Pyramic Plus LO top coat application will follow. The top coat should be applied in a crosshatch pattern. For smooth modified roof surfaces, apply at a rate of 1 gal./100 sq. ft. (0.41 l/m²). For mineral surfaced roofs, apply at a rate of 1.5 gal./100 sq. ft. (0.61 l/m²). 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.

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® Plus LO Base Coat

Technical Data	Pyramic Plus LO Base Coat
Type	Water-based
Density @77°F (25°C) (ASTM D1475)	11.7 lbs/gal (1.40 g/ml)
Elongation (ASTM D2370)	150% min
Tensile Strength (ASTM D 2370)	250 psi min
Weathering (ASTM D 4798)	No deterioration over 1,000 hours
Non-Volatile (ASTM D 1644)	63% min
Coverage Rate	
Smooth Surface	Two coats, for a total of 2 gal./100 sq. ft. (0.82 l/m ²)
Mineral Surface	Two coats, for a total of 3 gal./100 sq. ft. (1.22 l/m ²)
Packaging	5 gallon pail 55 gallon drum
Color	Gray
Shelf Life	12 months, unopened container

Eco-Facts	Pyramic Plus LO Base Coat
VOC	>50 g/l
Reflectance	0.37
Thermal Emittance	0.9
SRI	41

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

For more information, visit us at: www.garlandco.com

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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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