

Pyramic® Base Coat



OVERVIEW & FEATURES

Pyramic Base Coat is a gray colored, low VOC, roof base coating formulated from water-based, pure acrylic, self-curing latex polymers. It can be applied by brush, roller or spray over BUR, modified bitumen, and asphalt emulsion coated surfaces.

Controlled Application - Because of Pyramic Base Coat's color, it is easy to see where the base coat and finish coats have been applied. This helps ensure the proper coverage rate of the finish coat is installed, giving the roof surface the best performance possible.

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 the Pyramic system can reduce roof temperatures by 50-80°F (10-26.7°C) and save significant amounts of cooling energy during the summer months.

Environmentally Friendly - Pyramic Base Coat eliminates the flammability and toxicity hazards associated with solvent-based coatings. Pyramic Base Coat has no irritating or unpleasant odors.

Reduces Roof Life-Cycle Costs - UV light degrades the chemical structure of a roofing membrane which then causes chalking, cracking, shrinking, loss of flexibility and surface erosion. Pyramic Base Coat's high-performance acrylic polymers provide added strength, flexibility, adhesion and color-retention to aged roofing systems.

APPLICATION

The existing roof surface must be sound and free of defects such as blisters, splits, fishmouths, etc. Repair any defects with a suitable patching material. Allow all fresh applications of mastics, coatings or asphalt adhesives to cure for 30 days prior to application of Pyramic Base Coat. Loose materials, standing water, debris, oil and other contaminants may prevent full adhesion of the coating and must be removed.

The product is ready for immediate use. Stir, but do not thin, prior to application.

Pyramic Base Coat may be applied by brush, roller or spray. For spray application information, see the Pyramic Base Coat spray application guide. Pyramic Base Coat should be applied at a rate of 1 gal./100 sq. ft. (0.41 l/m²) over smooth modifieds roof surfaces and 1.5 gal./100 sq. ft. (0.61 l/m²) over mineral surfaced modifieds. Allow Pyramic Base Coat to dry for 4-8 hours before applying Pyramic and/or Solex® as the finish coat. If Pyramic Base Coat is not top coated within 72 hours of initial application, then another coat of Pyramic Base Coat must be applied before the top coat is applied.

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[®] Base Coat

Technical Data	Pyramic Base Coat
Non-Volatile (ASTM D 1644)	66% min
Density @77°F (25°C) (ASTM D 1475)	12 lb./gal. (1.43 g/cm ³)
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	Gray
Shelf Life	1 year, unopened
Coverage <i>Pyramic top coat required</i>	1 to 1.5 gal./100 sq. ft. (0.41 - .61 l/m ²)
Packaging	5 gal. pail (18.9 l) 55 gal. drum (208.2 l)

Eco-Facts	Pyramic Base Coat
VOC	<50 g/l
Reflectance	0.37
Thermal Emittance	0.90
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

The Garland Company, Inc.
3800 East 91st Street
Cleveland, OH 44105
FAX: 216-641-0633
Phone: 216-641-7500
Toll Free: 800-321-9336

Garland Canada Inc.
209 Carrier Drive
Toronto, Ontario
Canada, M9W 5Y8
FAX: 416-747-1980
Phone: 416-747-7995
Toll Free: 800-387-5991
(Only in Canada)

The Garland Company UK, LTD
Second Way Centre, Second Way
Avonmouth, Bristol UK BS11 8DF
Phone: 011 44 1174 401050 (Outside UK)
Toll Free: 0800 328 5560 (Only in UK)

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.

Pyramic, Solex and Millennium are trademarks of The Garland Company, Inc.