

GreenThane 70620



Product Description

GreenThane 70620 single-component, moisture-cured, fire-retardant, aromatic polyurethane base coat for polyurethane foam, concrete, metal, modified bitumen, smooth-surface BUR, and single-ply roof systems.

Availability

Product is available in North America. Other regions must confirm.

Features and Benefits

- Meets South Coast Air Quality Management District (SCAQMD) VOC requirements

Application Details

- Product can be applied by roller or sprayer. Please contact Green Shield Products for more information on spray equipment specifications.
- Not intended for ponding water or constant immersion
- Concrete must have a full 28-day cure period prior to coating. Not for use with insulating concrete systems.
- To thin, use Acetone 10% maximum volume.
- Mix for 3-5 minutes before applying.
- Substrate temperature must be above 40°F (5°C) and/or below 100°F (37°C), and more than 5°F (3°C) above the dewpoint and rising.
- Substrate must be clean, dry, sound and secure
- To clean tools, use Acetone
- Preceding and Subsequent Coats: Installed according to Green Shield Products Specifications

Precautions

Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult Green Shield Products Safety Data Sheets and follow all local or national safety regulations.

Mixing and Thinning Guidelines

This product has been formulated to be applied without the need for thinning. However, application under certain conditions and with certain equipment may be enhanced by thinning.

Please note that thinning will increase VOC content of the mixed coating. Always know local VOC restrictions for coating applications in your area before thinning this product. Do not thin material more than 10%.

See compatible thinners and additional mixing instruction in the Green Shield Products Application Manual, or contact Green Shield Products for more information

Colors

70620-GRY

Dark Gray

Additives

| Item | Use |
|-----------|--|
| Odor Mask | Mask Offensive Odors. Available in Vanilla or Orange |



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
877.GRN.SHLD • www.greenshieldproducts.com



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Typical Physical Properties ¹

| Property | Test Method | Result/Value |
|------------------|---------------|--------------|
| Tensile Strength | ASTM D412 | 1,000 psi |
| Elongation | ASTM D412 | 375% |
| Permanent Set | ASTM D412 | <10% |
| Tear Resistance | ASTM D1004 | 100 lb/in |
| Water Resistance | ASTM D471 | <3% |
| Shore A | ASTM D2240 | 50-55 |
| Weight/Gallon | ASTM D1475 | 11.7 lbs/gal |
| Weight Solids | ASTM D4209 | 81% |
| Volume Solids | Calculated | 77% |
| VOC | EPA Method 24 | <47 g/L |
| Flash Point | ASTM D3278 | 78°F (25°C) |

¹ - Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Liquid Properties and Characteristics

| | |
|------------|--|
| Cure Time | 24 hours at 77°F (25°C), 50% relative humidity |
| Pot Life | 8 hours at 75°F (23°C) |
| Shelf Life | 6 Months. Store in a cool area to ensure full shelf life. Recommended storage temperature 75°F (23°C) |
| Remarks | Not resistant to UV; not intended as a topcoat. Sensitive to moisture; not recommended for constant immersion. Concrete must have a full 28 day cure period prior to coating. Not compatible with asphaltic compounds. Not for use with insulating concrete such as Zonolite, Vermiculite, Perlite, etc. Not for use over aluminized coated roofs. |

Storage and Handling

Containers of urethane coating should be stored in a cool (75°F, 24°C) area to ensure full shelf life. Keep container closed. Keep away from sources of ignition. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

Health and Safety

Read the Safety Data Sheet (SDS) and container labels for detailed Health and Safety information. This product is intended to industrial use by properly trained professional applicators only.

Shipping Information

| Container Size | Gross Weight | Class |
|--|---|-------|
| 5-gallon pail (18.9L) | 60.2 lbs. (27.3 Kg) | 3 |
| 55-gallon drum (208.2L) | 638.2 lbs. (289.5 Kg) | 3 |
| D.O.T. Classification: Liquid Plastic Material - NOIBN | Protect from freezing (40°F/4.5°C) during shipping and storage. | |



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