

GreenThane 7490



Product Description

GreenThane 7490 single-component, moisture-cured, aliphatic polyurethane weather-protective top coat for polyurethane foam, concrete, metal, single-ply and smooth surface built-up/modified bitumen 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

1. Product can be applied by roller or sprayer. Please contact Green Shield Products for more information on spray equipment specifications.
2. Not intended for ponding water or constant immersion
3. Concrete must have a full 28-day cure period prior to coating. Not for use with insulating concrete systems.
4. To thin, use Acetone 10% maximum volume.
5. Mix for 3-5 minutes before applying.
6. 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.
7. Substrate must be clean, dry, sound and secure
8. To clean tools, use Acetone
9. 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

7490-WHT	White
7490-GRY	Light Gray
7490-TAN	Tan

Additives

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



Energy Efficient Building Product Solutions

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Typical Physical Properties ¹

Property	Test Method	Result/Value
Tensile Strength	ASTM D412	2,300 psi
Elongation	ASTM D412	230%
Permanent Set	ASTM D412	10%
Tear Resistance	ASTM D1004	200 pli
Water Resistance	ASTM D471	2% at 7 days
Taber Abrasion	ASTM D4060	16mg, 1,000 CS-17
MVT at 20 mils	ASTM E96	0.9 perms
Shore A	ASTM D2240	85
Fire Resistance	ASTM E108	Pass (as part of system)
Weight/Gallon	ASTM D1475	10.77 lbs/gal
Weight Solids	ASTM D5201	79.5%
Volume Solids	ASTM D5201	76.7%
VOC	ASTM D5201	<50 g/L
Viscosity	ASTM D2169	100 KU

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	6-12 hours at 77°F (25°C), 50% relative humidity
Cure to Recoat	18 hours minimum, 75°F (23°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)	57.9 lbs. (26.3 Kg)	3
55-gallon drum (208.2L)	636.4 lbs. (288.7 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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