



STAINGARD 6072™

ALIPHATIC POLYASPARTIC POLYUREA TOPCOAT

Revised 06.29.11

DESCRIPTION

STAINGARD 6072™ is a 72% solids by volume, aliphatic polyaspartic coating, two component, liquid applied, environmentally friendly surface topcoat for waterproofing membrane systems, with a citrus odor. STAINGARD 6072™ is quick curing and specifically formulated to be installed in thin film applications.

FEATURES

- Quick cure
- High tensile strength
- Color stable
- High gloss
- Abrasion resistant
- Topcoat over aromatic polyurea, polyurethane, and epoxy applications ranging from 35° - 130°F, service temperature 0° - 200°F
- Very durable
- Excellent weather-ability
- Seamless waterproofing membrane
- UV resistance for superior gloss retention
- Meets California AQMD requirements

RECOMMENDED USES

- Concrete
- Plywood
- Steel
- Plastic
- Cold Storage Areas
- Food Processing Areas
- Industrial Warehouses
- Pulp and Paper Mills
- Chemical Plants
- Fertilizer Plants
- Off-Shore Oil Platforms
- Pipeline Barges

COLORS

STAINGARD 6072™ is available in Clear, Dolphin Grey, and Tan. Custom colors available upon request. Minimum order of 200 gallons (380 liters).

Packaging: 2 gallon kit (7.56 liter): 1 gallon (3.78 liter) part A and 1 gallon (3.78 liter) part B.

10 gallon kit is not an in-stock item and is available on large orders.

STAINGARD 6072 (clear)

Coverage Rate	See Guide Specifications
Dry Film Thickness, exclusive of aggregate @ 1 gal/100 sq. ft.	11 +/- 2 mils 279 +/- 50 microns
Pot Life at 75°F (24°C), 50% RH	45 – 60 minutes
Hardness, ASTM D-2240	50 +/- 5 Shore D
Tear Resistance, Die C, ASTM D-624	300 +/- 50 pli 52.5 +/- 9 kN/m
Tensile Strength, ASTM D-412	2500 +/- 200 psi 17.2 +/- 2 MPa
Ultimate Elongation, ASTM D-412	100 +/- 25%
Specific Gravity, Side A	1.05
Side B	1.01
Total Solids by Weight, ASTM D-2369	77%
Total Solids by Volume, ASTM D-2697	72.9%
Viscosity at 75°F (24°C)	
Side A	200 +/- 50 cps
Side B	200 +/- 50 cps
VOCs ASTM D-2369-81	1.97 lb/gal 236 gm/liter

STAINGARD 6072 (pigmented)

Coverage Rate	See Guide Specifications
Dry Film Thickness, exclusive of aggregate @ 1 gal/100 sq. ft.	11 +/- 2 mils 279 +/- 50 microns
Pot Life at 75°F (24°C), 50% RH	45 – 60 minutes
Hardness, ASTM D-2240	50 +/- 5 Shore D
Tear Resistance, Die C, ASTM D-624	225 +/- 35 pli 39.4 +/- 6 kN/m
Tensile Strength, ASTM D-412	2300 +/- 300 psi 15.8 +/- 2 MPa
Ultimate Elongation, ASTM D-412	100 +/- 25%
Specific Gravity, Side A	1.04
Side B	1.25
Total Solids by Weight, ASTM D-2369	79.4%
Total Solids by Volume, ASTM D-2697	72.9%
Viscosity at 75°F (24°C)	
Side A	200 +/- 50 cps
Side B	300 +/- 50 cps
VOCs ASTM D-2369-81	1.97 lb/gal 236 gm/liter



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GENERAL APPLICATION INSTRUCTIONS

STAINGARD 6072™ can be applied by phenolic resin core roller, high pressure spray, or through a cup gun under low pressure. STAINGARD 6072™ should be applied at a minimum film thickness of 5 mils. It should be noted that the heavier the application, the longer the curing process takes.

Apply STAINGARD 6072™ evenly over the entire deck. For best results, airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

MIXING

STAINGARD 6072™ may not be diluted under any circumstance. **DO NOT ESTIMATE, proportions are premeasured.** STAINGARD 6072™ Part A and Part B should be mixed individually before combining. Add Part B to Part A while mixing, using a mechanical mixer (Jiffy Mixer) at medium speeds. Mix until a homogenous mixture and color is obtained (at least 5 minutes) and mix frequently during application to maintain uniform color. Use care to scrape the sides of the container to ensure that no unmixed material remains. Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened potlife.

DO NOT mix any material that cannot be used within 5 minutes.

CURING

At 70°F (21°C) and 50% relative humidity, allow each coat to cure a minimum of 2 – 4 hours between each coat.

Allow a minimum of 6 hours before permitting light pedestrian traffic and at least 24 – 48 hours before permitting heavy pedestrian traffic on to the finished surface.

Uncured STAINGARD 6072™ is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend cure time.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

STAINGARD 6072™ has a shelf life of 6 months from date of manufacture in original, factory sealed containers.

LIMITATIONS

Mix no more material than can be used within 5 minutes. Surface must be dry, clean, and free of foreign matter.

Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications.

Surface may be slippery when wet.

Containers that have been opened must be used as soon as possible.

Do not dilute under any circumstance.

WARNING

This product contains isocyanates and solvent.

WARRANTY & DISCLAIMER

Specialty Products, Inc. has no role in the manufacture of the finished polymer other than to supply its two components. It is vital that the person applying this product understands the product and is fully trained and certified in the use of plural component equipment.

Specialty Products, Inc., an Alaska corporation, warrants only that the two components of this product shall conform to the technical specifications published in the product literature.

The quality and fitness of the product are dependent upon the proper mixture and application of the components by the applicator. There are no warranties that extend beyond the description on the face of this instrument.

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SPECIALTY PRODUCTS, INC., 2410 104TH Street Ct. S. Ste. D, Lakewood, WA. 98499 (800) 627-0773

www.specialty-products.com info@specialty-products.com

SPI Manufacturing/Distribution Locations: Lakewood, WA · Rowlett, TX · Anchorage, AK