



SPEC DATA SHEET

5073 POLYUREA TOPCOAT SEALER

PRODUCT DESCRIPTION

Polyurea 5073 is a fast drying Polyurea Topcoat designed for use over concrete garage floor coatings and a wide range of other concrete floor coatings and stains. Polyurea 5073 is 73% solids and allows film thickness to build in excess of standard systems with water clarity and mirror like smoothness and gloss. 5073 has a lower viscosity that makes it very easy to apply while providing an even longer pot life and a faster cure when applied out onto the surface.

The cross linking of the 5073 series film in the cure makes it exceptionally tough and durable, maintaining its gloss far beyond that of comparable systems. The chemistry is based upon Polyurea and much attention has been given to the application characteristics in its formulation. As a result, Polyurea 5073 is extremely user friendly without having sacrificed the performance of the finished product. The applications for this product are almost limitless. 5073 is suited for use on high end residential applications, retail settings with high traffic or food service areas where stain resistance and clean ability are paramount.

COMPOSITION

Special proprietary blend of 100% solids urethane, wetting agents, adhesion promoters and other additives.

ADVANTAGES

- 5073, 73% Solids, 8 VOC
- High Gloss
- High Build
- Good Resistance to Most Chemicals
- Skydrol Resistant
- Non Yellowing, Will Cure at Temperatures Just above Freezing
- Accelerators are Available

LIMITATIONS

- 5073 is combustible and proper ventilation should be used during its application
- Requires moisture/vapor barrier for surfaces with a MVT of 3lbs or higher
- Will not bridge cracking
- Not resistant to strong acids.
- Do not use over Acrylic Sealers or Acrylic Primers unless they are de-glossed first

AREAS OF USE

- Garage Floors
- Retail Floors
- Industrial Floors
- Any Concrete Floor
- Most Previously Coated Floors – consult with manufacturer

COLORS

Clear

PACKAGING

Packaged

2-Gallon Unitized Kit
5 Gallon Bulk

COVERAGE

Over Flat Surface at an
Average of 4.3 Mills

375 ft/Gal - 468 ft/Kit

Over Flake (more surface area) at an
Average of 4.9 Mills

180-220 ft/Gal – 360-440/Kit

FINISHES

Smooth High Gloss “Mirror Like” Film

AVAILABILITY AND COST

VBP Products are supplied direct and all prices, install guides, etc are viewable online at www.garagecoatings.com.

INSTALLATION

Refer to manufacturers detailed System Installation Guide.

MAINTENANCE

Maintain the 5073 to a minimum thickness of 4 dry mils. If the 5073 is damaged, it can be repaired by sanding the surface, cleaning and then recoating the area with same materials.

TECHNICAL SERVICES

Technical services can be obtained by contacting: VBP direct at 714-829-2600.

TECHNICAL DATA

Properties

Volumetric Mix Ratio A:B

1:1

Color	Clear
Volumetric Solids 5073	73%
Solids 5073	73%
VOC (Volatile Organic Compounds) 5073	8g/L
Pot Life , 2 Gallon Mass, 75F, Gel Time 5000 5073	~30min ~54min
Cure Time Through 5073 Recoat 5073 Full Cure 5073	2.5 Hours 1-3 Hours 5 Days
Hardness , Pencil 5073	2H-3H
Abrasion Resistance (ASTM D 4060, CS 17, 1KG, 1000 cycles)	3 mg lost
Adhesion (ACI 503R)	300p.s.i. (100% Concrete failure)

Chemical Resistance

Acetone	No Effect
Xylene	No Effect
10% HCL	No Effect
Ammonia	No Effect
Skydrol	No Effect
Vinegar	No Effect
Degreaser	Faint Spot
Liquid Plummer	No Effect
Clorox	No Effect
Windex	No Effect
Motor oil	No Effect
Gasoline	No Effect
Hot Tires	No Effect

Slip Resistance

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Versatile Building Products Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Versatile Building Products Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.