

RESINYTE™ “U” SYSTEM

Aliphatic Urethane Floor Coating

Introduction:

Resinyte “U” Floor Coating System is a high solids urethane floor coating designed to provide superior durability for applications that are exposed to ultraviolet rays. The finished system provides a protective surface that complies with the stringent California V.O.C regulations.

Uses:

Resinyte “U” System is used to provide a protective surface that is hard, highly abrasive, chemical, and stain resistant. Common applications include service bays, aircraft hangers, containment areas, loading docks, etc.

Advantages:

- UV stable
- Highly Durable
- Chemical Resistant
- Wide range of colors and profiles

Considerations:

Contact Pli-Dek Systems, Inc. when Moisture Vapor Transmission (MVT) exceeds 3.0 lbs/1,000 sq. ft./24 hour period.

RS-Membrane is required in areas that require a “waterproof” surface. Contact Pli-Dek Systems, Inc. for details.

Note: All areas to be coated shall be properly profiled by grinding or shot blasting and prepared as to remove all contaminates.

Installation of the Resinyte “U” System must comply with Pli-Dek published specifications, application instructions, and must be installed by an “approved” installer.

Floors may be cleaned with water and a mild detergent. Detergents shall be completely removed from the floor after cleaning. Please contact Pli-Dek Systems, Inc. for project specific maintenance and re-coat requirements.

It is the general contractor/owners responsibility to approve the appropriate level of skid resistance, safety standards, and cleanability based off submitted sampling of the finished product.

Physical Characteristics:

Gloss	90-95
(60 degrees)	
Gloss	50-60
(satin material, 60 degrees)	
Hardness	122
(Konig)	
Tabor Abrasion	30mg/loss
Impact Resistance	160in/lbs
(ASTMD2794)	
Flexibility	Passes 1/8”
(ASTM D222)	
Chemical Resistance	
(ASTM D1308)	
Isopropyl Alcohol.....	No Effect
Sodium Hydroxide 50%.....	No Effect
Skydrol.....	No Effect
Hydrocholic Fluid #83282.....	No Effect
Gasoline.....	No Effect
Mineral Spirits.....	No Effect
Xylene.....	No Effect
MEK.....	Film Softened
Sulphuric Acid 25%.....	No Effect
Acetic Acid 25%.....	No Effect
Nitric Acid 25%.....	Film Blistered
*Contact Pli-Dek for additional chemical resistance.	

Color:

The Resinyte “U” System is available in 13 standard solid colors.

Custom colors and finishes are available, Refer to the Resinyte brochure for further information or contact Pli-Dek Systems, Inc. for details.

Shelf Life:

Shelf life is one year from manufacture date. Do not store products in extreme heat or direct sunlight and do not allow product to freeze.

Warranty:

Contact Pli-Dek Systems, Inc. for details.