Perdure P72

Polyaspartic polyurea topcoat

düraamen
engineered to perform

DESCRIPTION

Perdure P72 is a new generation fast-curing, two component, polyaspartic aliphatic polyurea formulated to be used as a sealer or topcoat for interior or exterior use over properly prepared concrete or resinous flooring systems. It has excellent penetration and bond strength to properly prepared surfaces, UV resistant, and abrasion, impact, and wear resistant.

ADVANTAGES

- Self-priming, excellent penetrating to achieve excellent bond strength
- Superior abrasion, impact and wear resistance
- Excellent hot tire pickup resistance
- UV resistance, does not turn 'yellow' or 'amber'
- Reduces floor care, cleaning and maintenance costs
- Low temperature cure

IMPORTANT CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Do not apply over damp or wet substrates
- Avoid applications on surfaces with active moisture vapor transmission
- Very fast set (short working time)

COMPOSITION

- Two component polyaspartic polyurea

APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in Duraamen's Technical Bulletin # 1. Work must be performed by trained or experienced contractors or maintenance personnel. The Duraamen Company's service department is pleased to answer any technical questions.

INSTALLATION

Perdure P72 is a two component system. Mix Part A and Part B in equal parts (1:1) using a clean, dry container. Stir gently using a mechanical stirrer, avoiding over mixing or creating vortex that could introduce moisture. Do not mix below the dew point, which will shorten the pot life. No induction time is required prior to use. After mixing the Parts A & B, Perdure P72 has a working time of 15 minutes at a temperature of 70°F and 50% RH. At higher temperatures and humidity the working time can be shorter.

An industrial grade, phenolic resin core with a synthetic nap (1/4" or 3/8" nap, 18" width) roller is recommended for application.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

COVERAGE

Perdure P72 yields 200-250ft^2/gallon at 5-6mil thickness

COLOR SELECTION

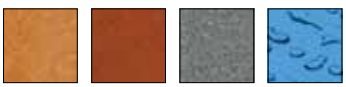
Perdure P72 is available in clear but it can be pigmented upon request which my require longer lead time and increased cost.

AVAILABILITY

Perdure P72 is available throughout the United States and Canada. Contact Duraamen representative in your area for details

MAINTENANCE

After completing the application of Perdure P72, the installer should provide the owner with maintenance instructions.



düraamen engineered products, inc.
20 Haypress Road, Suite 323 Cranbury, NJ 08512 | duraamen.com | info@duraamen.com | 1.866.835.6595

TECHNICAL SERVICE

Duraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces

TECHNICAL DATA

Viscosity @ 75°F	250 – 300cps
Mixing Ratio	1:1
Solids Content	72% by volume
VOC	0
Tensile Strength, ASTM D638	5000
Abrasion Resistance, ASTM D4060	<30mg (CS17/1000cycles/1000g)

CURE/DRY TIME

Pot Life	20 minutes
Dry to Touch	2.5 hours @ 75°F
Re-Coat	4 hours @ 75°F
Light Traffic	4 – 5 hours @ 75°F
Heavy traffic	48 hours

CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid – 5%	L
Acetone	L
Ammonium Hydroxide 38%	R
Beer	R
Brake Fluid	L
Bleach	L
Citric Acid – 30%	R
Citric Acid – 40%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline	R
Hydrochloric Acid – 15%	R
Lactic Acid – 15%	R
Lactic Acid – 50%	L
Methyl Ethyl Ketone	L
Nitric Acid – 10%	L*
Orange Juice	R
Peroxide – 35%	L
Phosphoric Acid – 85%	L
Iodine	L
Skydrol	R
Sodium Hydroxide – 50%	R
Sulfuric Acid – 20%	R
Toluene	L
Urea	R
Vinegar	R
Xylene	L
Xylene	R

R-Recommended for continuous service
L-Limited Recommendation, occasional spills
*-May cause slight stain or discoloration

WARRANTY

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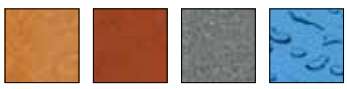

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