



Qualipur[®] 572

Features and Benefits

1. General Description

Qualipur 572 is a 2-component, high solids, low VOC, aliphatic polyaspartic coating with excellent abrasion and chemical resistance. Qualipur 572 can be used over existing Qualideck floors or as a standalone floor coating with excellent color and UV stability. When fully cured, Qualipur 572 will produce a highly abrasion and wear resistant, high-gloss, smooth surface.

Note: Qualipur 572 Clear should not be used as a protective barrier against UV reactions to the substrate. It is recommend that if the area of application is exposed to UV light, the substrate coating be UV stable.

Basic uses: Concrete floor coating and sealer, decorative floors, garage floors, commercial floors, cold storage areas, and showroom floors. Qualipur 572 is a versatile product for many system applications. Using consecutive coats while incorporating broadcast material or without, will produce durable, functional, and decorative coating systems.

2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. Adequate ventilation is required during the application process.

Do not expose container to open flame, excessive heat, or direct sunlight.

3. Storage and Packaging

Qualipur 572 should be kept dry and cool. Storage temperature should be between 4°C (40°F) and 32°C (90°F).

Packaging: 5 gallon (20.82 kg)

4. Coverage

Mils	10	15	20	30
Theoretical square foot per gallon	160	110	80	50

- ✓ Low VOC
- ✓ High abrasion resistance
- ✓ Chemical resistant
- ✓ Rapid Cure
- ✓ Short downtime
- ✓ Low odor
- ✓ High gloss
- ✓ Excellent UV resistance



5. Installation Guidelines

Surface Preparation:

Surfaces receiving an application of Qualipur 572 must be clean, sound, dry and free of oils or any contaminants that may inhibit proper adhesion of coating. Moisture vapor transmission is a major cause of coating failure. Use ASTM F2170 (Relative Humidity Probes) or F1869-98 (Anhydrous Calcium Chloride) to determine the moisture vapor transmission before starting any applications. A relative humidity test of <75% or a calcium chloride test of 3 lbs/1000ft²/24 hrs or less are acceptable for applying coatings. Higher results should receive a moisture mitigation primer such as Qualipur 172.

Concrete substrate: A profile of CSP 3 is recommended for most system applications using Qualipur 572. Due to the lower viscosity, the product is self-priming. Ensure the substrate is free of contaminants and the pores are open to allow Qualipur 572 to penetrate the surface.

Over Qualideck: Qualipur 572 may be applied over existing or new Qualideck coatings. If within the recoat window (<24 hrs), Qualipur 572 can be applied directly to the previous Qualideck coating. If the recoat window has been exceeded or is an existing system, coating will need proper preparation before application.

Mixing:

Qualipur 572 is a 2-component polyaspartic product; it requires mixing to ensure consistent curing. Mixing is accomplished by pouring the contents of component “B” directly into component “A” and mix using a jiffy paddle and low speed drill (400 to 600 rpm). Take care not to incorporate excessive air into the product. Mix components for 2 minutes in provided pail. Scrape down sides of pail and mix for an additional 1.5 minutes before proceeding with application.

Application:

Qualipur 572 should be roller or squeegee applied at 10 mils minimum per coat depending on the system requirement.

Top Coating: Qualipur 572 may be top coated after it has become tack free. Do not recoat without sanding prior coating after 24 hours.

6. Limitations

- Minimum application temperature is 40°F (4°C) and rising.
- Do not apply over damp or wet substrates.
- Do not apply to surfaces with active moisture vapor transmission.





7. Technical Data

Results based on temperature of 75°F and 50% Humidity

VOC		21 g/L*
Solid Content		>97%
Viscosity	ASTM D2196	2000 – 3000 cps
Pot Life		25 – 35 Minutes
Cure Time – Tack Free		2 – 3 Hours
- Foot Traffic	ASTM C920	4 – 6 Hours
- Return to Use		48 hours
Elongation	ASTM D412	5%
Tensile Strength	ASTM D412	7000 psi
Hardness	ASTM D2240	70 D scale
Abrasion Resistance (CM 17)	ASTM D4060	16.2 mg loss

*based on standard formula calculation

Chemical Resistance Chart

Chemical	Qualipur 372	Qualipur 461	Qualipur 512	Qualipur 522	Qualipur 552E	Qualipur 572
Acetic Acid 10%	-	-	+	+	-	+
Acetic Acid 50%	-	-	-	+	-	-
Acetone	+	+	+	+	+	-
Anti-Freeze	+	+	+	+	+	+
Bleach	-	+	+	+	+	+
Brake Fluid	-	-	-	-	-	-
Caustic Soda	+	+	-	+	+	+
Gasoline	+	+	+	+	+	-
Hydraulic Fluid	+	+	+	+	+	+
Hydrochloric Acid 10%	-	-	-	+	+	+
Hydrochloric Acid 31%	-	-	-	-	-	-
Jet Fuel	+	+	+	+	+	+
Methanol	+	+	+	+	-	-
Mineral Spirits	+	+	+	+	+	+
Motor Oil	-	+	-	+	+	+
Phosphoric Acid 50%	+	-	-	+	-	-
Phosphoric Acid 70%	-	-	-	-	-	-
Potassium Hydroxide 50%	-	-	-	-	+	+
Simple Green	+	+	+	+	+	+
Skydrol	-	-	-	+	-	-
Sodium Hydroxide 50%	+	+	+	+	+	+
Sulfuric Acid 25%	-	-	-	-	-	-





Sulfuric Acid 50%	-	-	-	-	-	-
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(-) --> Visual Defects Observed

(+) --> No Visual Defects Observed

Above figures are guide values and should not be used as a base for specifications

Consult the Safety Data Sheet (SDS) for more details

For complete and latest warranty and product information, please visit www.advpolytech.com

