



POLY202

Polyaspartic Max Perform Clear - Slow

When Activated with P85ACMAX

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

VOC CONTENT

99 g / L

RECOMMENDED APPLICATION THICKNESS

3 - 10 Mils per coat

MIXED SOLIDS CONTENT BY WEIGHT

85% Solids

POT LIFE

25 - 35 minutes

MINIMUM RE-COAT

2.5 hours minimum

LIGHT FOOT TRAFFIC

3 - 4 hours

MAXIMUM RE-COAT

10 hours
(contact manufacturer)

MIXING RATIO

1:1

HARDNESS (KONIG PENDULUM)

4 Hrs: 62 Seconds
1 Day: 208 Seconds

DRYING TIMES

Set-to-Touch: 2.5 Hours
Hard-Dry: 6 - 10 Hours
Full-Cure: 48 - 72 Hours

TABER ABRASION

*Cured at 68°F for 7 Days

Weight Loss @ 500 Cycles: 4 mg
Weight Loss @ 1000 Cycles: 7 mg

POLYASPARTIC MAX PERFORM CLEAR - SLOW ~POLY202 with P85ACMAX

DESCRIPTION

Coatary Technologies Polyaspartic Max Perform Clear (POLY201 or POLY202 activated with P85ACMAX) is an 85% solids Polyaspartic-Polyurea specially formulated for industry leading chemical resistance, durability, abrasion resistance, adhesion, flexibility, and specifically formulated for superior plasticizer-leaching resistance from new or high-end tires. The POLY202 is a far superior Polyaspartic-Polyurea coating that rolls out beautifully and easily and leaves premium finished/mechanical properties. When mixed with our proprietary blend of isocyanates, we are able to achieve a very high industry leading cross-linking density. This gives us a Polyaspartic-Polyurea coating that "rolls out like butter", and then protects better than any other topcoat on the market for decades to come.

Coatary Technologies Polyaspartic Max Perform is a "Go-To" topcoat in Residential, Commercial, and Industrial flooring applications. It was specifically formulated to combat long-term "Plasticizer Leaching" - yellow marks left by new or high-end tires mostly seen in residential garages, as well as "Skydrol Resistance" - an aggressive airplane hydraulic fluid which is an issue for airplane hangars, and the industry standard for measuring the most extreme chemical resistance you might need in the Industrial flooring space.

FEATURES AND BENEFITS

- Great rollability, flow & leveling
- Low odor & low VOCs
- Beautiful high gloss and "sheet of glass" finish
- Superior mechanical properties including chemical resistance, abrasion resistance, durability, adhesion, flexibility, and gloss retention
- UV-stable; Does not yellow when exposed to UV Rays/the Sun
- Available in clear or pigmented basecoats for a full Polyaspartic-Polyurea system
- Relatively fast cure times - Slow formula for better topcoat finish (Use POLY201 for faster cure times)
- Fast Return-to-Service
- Excellent for Interior & Exterior applications
- Micro-media agents can be introduced as traction additives
- Tolerant to 300°F for random, incidental heat contact (Thermal Shock Resistance)
- Slow formula more forgiving on "over-working" to better avoid roller marks

Coatary Technologies

Residential | Commercial | Industrial



TYPICAL USES

- Residential: Garages, Decks, Swimming Decks, Patios, Driveways, Basements, Etc.
- Industrial: Warehouses, Manufacturing Facilities, Airplane Hangars, Mechanic Shops, Etc.
- Commercial: Office Spaces, Restaurants, Retail Shops, Grocery Stores, Etc.
- Superior Topcoat on almost any coating system
- Pigmented basecoats for faster re-coat times, better adhesion, and high performance coating system for 1 day installs
- Flake broadcast floors, Quartz broadcast floors, solid color floors, and topcoat over metallic epoxy, grind & seal, urethane cement, etc.

COVERAGE

MILS Sq. ft. per coat/gallon

4-MILS 371

5-MILS 297

6-MILS 247

7-MILS 212

8-MILS 185

9-MILS 165

10-MILS 148

Coverage rate is theoretical and may vary due to the porosity and profile of concrete.

Material should be kept in a cool dry place prior to application.

MIXING DIRECTIONS

Mixing Part A with Part B:

Add 1 part of POLY202 to 1 part of P85ACMAX . Pour each into a clean, dry working vessel by first pouring into a measuring cup to ensure true 1:1 ratio. Use a paint mixing stick or paddle mixer on slow speed for 2 - 5 minutes. Avoid mixing too fast or creating a vortex that would introduce air into the coating. No induction time is required prior to use. If micro-media agents are to be incorporated, they are to be added after activating. Mix thoroughly but apply quickly. Pot life time starts at activation.

APPLICATION & PREP

Grind concrete to a 2 or 3 CSP (3 CSP Preferred). Vacuum and clean all concrete dust & debris. After a proper grind is achieved and excess dust and debris is cleaned, take a rag soaked in Xylene or Acetone and wipe the concrete for any leftover contaminants.

Ensure concrete has a proper grind and is completely clean & dry. Then move on to application.

Add 1 gallon of POLY202 to 1 gallon of P85ACMAX.

Mix thoroughly with paint mixing stick or low speed drill and jiffy blade for 2 - 3 minutes. Pour mixture on the floor and use your choice of squeegee or roller with maximum nap at 3/8". Do not apply WFT higher than 10 mils in one coat.

Ideal application temps between 45 degrees F & 75 degrees F.

CLEAN UP

Use MEK or Acetone

PACKAGING

2 gallon kit, 10 gallon kit, Bulk (55 Gallon Drums)

SAFETY

POLY202 Polyaspartic-Polyurea products contain ingredients that are Considered hazardous. Read the container label warning and Safety Data Sheet prior to use.

Coatary Technologies
6108 West 9790 South
West Jordan, UT 84081, USA
Office: 801-503-4036
www.coatary.com