



PermaCLEAR 9600

9600 Polyaspartic Clear

A super high gloss premium abrasion resistant top coat.

Recommended For

Commercial and Garage Floors
Concrete Counters
Concrete Bridges and Over Passes

Features

No Blush
Short Dry Time
Excellent Gloss Retention
Outstanding Flow and Leveling
Two Component Package
Low VOC

Application:	Air assisted airless, or roller.
Application Conditions:	Apply when temperatures are above 50°F and a minimum of 5°F above the dew point; relative humidity less than 85%. Best if temperature is at least 72°F.
Average Dry Time:	Tack free 20 minutes (at 77°F / 25°C). Dry for foot traffic 1 to 2 hours.
Resistance To:	Dry Heat to 150°F - Weather - Excellent Oil Spills and Animal Fats - Very Good Moisture - Excellent Abrasion - Excellent Solvent - Excellent Petroleum - Excellent
Theoretical Coverage at 1 mil:	1583 per gallon depending on color and surface type
Thinning:	May be thinned up to 30%
Finish:	Super High Gloss
% Solids by Volume:	Average of 98.7%
% Solids by Weight:	Average of 100%
Pigment Type:	Not Applicable
Solvent Type:	Not Applicable
Vehicle Type:	Polyaspartic/Aliphatic Poly Isocyanate
Viscosity at 77°F (25°C):	400 - 445 cps
Physical Properties:	<i>VOC Actual: 11.0 g/l • VOC Regulatory: 11.0 g/l • Weight of Volatiles: 1.0% • Weight of Exempt: 0.0% • Volume of Exempt: 0% • Density: 1083 g/l</i>
Caution:	Recommended for application up to 2.0 to 4.0 mils dry film thickness per coat. Heavy applications exceeding this thickness may result in slow dry.



TECHNICAL BULLETIN

9600 Polyaspartic Clear

Type

A clear polyaspartic finish coat.

Intended Use

Abrasion resistant top coat, commercial and garage floors, concrete counters, concrete bridges and over passes.

FOR INDUSTRIAL USE ONLY

Chemical Resistance

Excellent resistance to moisture, staining, wear, abrasion, and chemicals, Very good resistance to solvents. Good chemical fumes resistance. Excellent clarity.

Surface Preparation

Dependent on coating use. Refer to SURFACE PREPARATION Section.

Application

Apply with short napped epoxy mohair roller to insure a uniform surface texture. Can also be sprayed.

Colors

Water white clear

FILM THICKNESS PER COAT

Spray

2 to 4 mils as desired.

Roller

2 to 4 mils as desired.

Theoretical Coverage at 1 mil

1583 per gallon, depending on color. The actual coverage will be less depending on application technique, job conditions, and type of surface to be coated.

Drying Times at 77°F (25°C)

Tack Free Time
20 minutes

Light Foot Traffic
1 to 2 hours

Curing Time at 77°F (25°C)
3 days

OVERCOATING TIME

Minimum
1 1/2 hours

Maximum
8 hours

PHYSICAL SPECIFICATIONS

Shipping Weight
(approximate)

1.25 Gallon Kit:
Part A and Part B - 12.6 lbs

Solids
Average 100% by weight

Pot Life (at 77°F)

Mixed: 30 minutes dependent upon volume and temperature. Doubling the volume or an increase in temperature by 10°C will shorten the pot life in half.

Mixing Ratio

3 parts Part A to 2 parts Part B to 1 part Envirosol

Shelf Life

12 months at 77°F when parts A and B are not combined

Gloss
Super High Gloss



AREA OF USAGE

A super high gloss premium abrasion resistant top coat; recommended for food processing plants, chemical storage, food prep areas, warehouse and garage floors.

CHEMICAL RESISTANCE

Superior mechanical and chemical resistance.

NOTE: Very low maintenance.

THINNERS

May be thinned up to 30% with Envirosol. PPC's Envirosol is a zero VOC reducer. Consult local Air District Rules or V.O.C. regulations.

SURFACE PREPARATION

Concrete

May be applied over cured concrete. New concrete should cure for at least 30 days before coating. Remove any tile or carpet. Residual dirt and dust should be removed by sweeping or high pressure wash. If necessary use concrete cleaner to remove grease, paint and oils, then rinse. If existing concrete has cracks and unevenness, epoxy weld to reinforce and correct gaps in concrete.

Recommended Primers

The success of any floor coating lies in the surface preparation and primer/topcoat system used.

Recommended primers:

9300 AquaBOND

9200 PermaFLOOR

EQUIPMENT

Spray Application

Need plural mixing equipment

All spray equipment should be thoroughly cleaned and the hose, in particular, should be free of old paint film and other contaminants

Air-Assisted Airless Spray Equipment

Recommended liquid pressure is 3000 psi with a tip size from .013 to .019.

Roller Application

3/8" Super Doo-Z (Wooster R205)

Short nap lint-free roller.

Brush Application

Edging and cutting only recommended.

Nylon/polyester bristle brush.

READ THIS NOTICE

SAFETY AND MISCELLANEOUS EQUIPMENT

1. It is recommended that the operator provide himself with clean coveralls and rubber soled shoes and observes good personal hygiene. Certain personnel may be sensitive to various types of resins, which may cause dermatitis or severe allergic reactions.
2. **USE ONLY WITH ADEQUATE VENTILATION. Do not take internally. Avoid contact with eyes, skin or clothing, it may cause irritation. CAUTION: REPEATED USE OF ISOCYANATES COULD CAUSE SYSTEMATIC SENSITIZATION, WHICH MAY INCLUDE ANAPHYLACTIC REACTION. THIS COULD IMPAIR BREATHING. CARE, AS DEMANDED BY GOOD PRACTICE, OSHA, STATE AND LOCAL SAFETY CODES, ETC. MUST BE TAKEN. Keep away from heat, sparks and open flame, and use necessary safety equipment (such as, air mask, explosion-proof electrical equipment, non-sparking tools and ladders, etc.) Keep out of the reach of children.**
3. **CAUTION: Read and follow all caution statements on this product technical bulletin, material safety data sheet and container label for this product. Read Material Data Safety Sheet (MSDS) before using.**



MIXING

9600 Polyaspartic comes in a two component package. The coating Part A and the curing agent, Part B, are mixed at a 3:2 ratio. Do not mix until ready to use. Thoroughly mix. Watch the pot life. If material or ambient air is greater than 25°C (77°F) or if mixing more than a gallon of product at one time, pot life is dramatically shortened.

APPLICATION PROCEDURE

1. Surface should be clean, free of dirt, grease and anything that might interfere with adhesion. Use an alkaline cleaner, like "Tide" thoroughly dissolved in hot water, rinse well and make sure surface is completely dry.
2. Do not mix until ready to use and stir well.
3. Clean up all equipment with a solvent such as acetone. This material has a 30 minute pot life after mixing (depending on volume). Any unused product and all mixing and application equipment must be flushed and cleaned within 15 minutes after mixing or use.
4. Refer to appropriate Material Safety Data Sheets and applicable local, state and federal laws for handling and disposal questions.

INSPECTION

Degree of surface preparation and film thickness shall conform to appropriate specifications outline in SURFACE PREPARATION and RECOMMENDED FILM THICKNESS sections.

Ponderosa Paint Company warrants its products to be free of defects in materials and workmanship. Since Ponderosa Paint Company has no control over surface preparation or application methods, no guarantee concerning results is offered, expressed, or implied. If this product is found to be defective, liability shall be limited to the refund of purchase price or replacement of product.