



Product Description

Polyaspartic 87% Solids is the next generation in two component, fast drying, aliphatic polyaspartic ester coatings. While other aliphatic urethanes can only be applied between 4 and 6 mils, Polyaspartic 87% Solids can be applied in a single coat up to 14 mils. Polyaspartic 87% Solids features good abrasion and chemical resistance, and a cure time of two to four hours. It can be installed in unusually high or low temperatures. Polyaspartic 87% Solids is the ideal product when low odor, fast turnaround and a non-yellowing system are essential.

Key Benefits & Application Features

- Low odor
- Abrasion resistant
- Non-yellowing
- Chemical resistance
- Can be installed over wood, concrete and metal
- Zero VOCs
- Easy mixing ratio (1:1)
- Fast drying (2-4 hour cure)
- Impact Resistant

Application

- Pharmaceutical Floors
- Food Prep/Kitchens
- Garage Floors
- Restrooms
- Manufacturing Plants
- Aisle Ways
- Auto Showrooms
- Schools
- Laboratories
- Basements
- Kennels
- Veterinary Facilities
- Locker Rooms
- Health Care Facilities
- Loading Docks
- Car Wash Facilities

Colors

Polyaspartic 87% Solids is available as a standard clear coating. The following optional reactive pigment packs can be added when a pigmented coating is desired.

- Pacific Gray
- Sidewalk Gray
- Rocky Gray
- Monterey Sand
- Desert Tan
- Ash Brown

Packaging

Polyaspartic 87% Solids is available in two different kit sizes:

	Part A	Part B
2 Gallon Kit	1 gal. (3.79 L)	1 gal. (3.79 L)
10 Gallon Kit	5 gal. (18.92 L)	5 gal. (18.92 L)

Properties (Liquid): Polyaspartic 87% Solids	
Appearance	Clear Liquid
Total Solids (% by Weight)	85% ± 2
Total Solids (% by Volume)	87.5% ± 2
Surface Tension, Dynes / cm	40
Viscosity (Brookfield LVF) cps @ 25° C	400 ± 100
Density (lbs. / gallon)	9.4
Specific Gravity (Coating)	1.13
Flash Point (Pensky-Martens closed cup)	<110° F
Freeze / Thaw Stability	N/A
Thermal Stability (28 days @ 120° F)	No Effect
Mechanical Stability	Good
VOC Content (Clear)	0 gm / liter
VOC Content (Colored) (Varies with Colors)	5-20 gm / liter

Properties (Dry Film): Polyaspartic 87% Solids	
Tensile Strength, psi	6,500
Elongation	26%
Hardness (Pencil / Sword)	2H / 70
Taber Abrasion (mg loss per 1,000 cycles, CS-17 wheel, 1,000 gm load)	50
Impact Resistance (Direct / Reverse)	140 lbs. / 140 lbs.
Crosshatch Adhesion (Untreated Cold Rolled Steel / Untreated Aluminum)	100% / 100%

Properties: UV Weatherometer: Polyaspartic 87% Solids	
Oxidation	No Effect
Loss of Gloss	Slight
Blistering	No Effect
Yellowing	No Effect

(Alclad aluminum 1,000 hrs.)