PAZ POLY ASPERTY PPA100

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Two-Component Polyaspartic Topcoat System

Product description

A two-component polyaspartic topcoat system, UV-resistant, providing excellent mechanical properties including outstanding abrasion resistance, adhesion, and impact resistance.

Technical Data

- Gloss: Glossy
- Solids Content (by weight): 95%
- Thinner / Tool Cleaning: Thinner 116
- Shelf Life at 20-25˚C: 12 months
- Recommended Thickness: 150–200 microns
- Consumption: 150–200 g/m^2
- Mix Ratio (by weight): Part A = 6, Part B = 4
- Induction Time Before Application: 2 minutes
- Application Temperature (ambient): 10-30˚C
- Substrate Temperature: At least 3˚C above dew point

Curing	Working Times
Touch-dry	1 hour
Light foot traffic	3–4 hours
Minimum recoat	2 hours
Maximum recoat	2 hours
Application temperature	7 days

Recommended Uses

- As a UV-resistant topcoat over polyurea systems
- Transparent sealer over decorative concrete surfaces
- Garage floors
- Industrial and commercial flooring
- Restaurant and hospital flooring
- Aircraft hangars
- Wind-energy facilities
- Food and pharmaceutical industries

Advantages

- High gloss
- High solids content, 0 VOC
- Maintains color and gloss for many years
- Excellent corrosion and chemical resistance
- Easy to apply
- UV resistant
- High abrasion resistance
- Highly durable under exterior conditions

Drying time depends on temperature, humidity, and film thickness.
Values measured at 25°C and 65% relative humidity.

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Technical Specifications

Physical Properties

Test Type	Testing Techniques	Test Results
Density	ASTM D1217	1.07–1.10 g/cm^3
Viscosity	ASTM D4878	1000–1100 mPa·s
VOC (%)	ASTM D1259	0
Tensile Strength	ASTM D638	>30 MPa
Abrasion Resistance	ISO EN 5470-1 (1000 cycles, H22)	<15 mg
Hardness (Shore D)	ASTM D2240	65–70

(Tested on the recommended system applied over steel plate blast-cleaned to at least SA 2.5 per ISO 1-3501 / SS 5900 05)

Method of Use

Mixing

Proper mixing of the components is essential for correct system performance.
Add the hardener (Part B) into the base component (Part A) and mix thoroughly.
Mechanical mixing is required to ensure complete homogenization with no unmixed material remaining.

Surface Preparation

Refer to the dedicated Surface Preparation document.

For Safety detailed instructions please refer to Pazkar's safety sheets (MSDS)

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