TECHNICAL DATA SHEET

PAS-200

POLYASPARTIC TOPCOAT

FLOOR COATINGS

PAS-200 is a two-component 100% solids aliphatic polyaspartic topcoat for interior and exterior concrete. PAS-200 is low odor, contains no VOC's or HAP's, and is a light-stable polyaspartic that won't chalk or turn yellow with exposure to sunlight. Properties include excellent chemical resistance against acids, bases, oils, and organic solvents. This product has a low viscosity that can be squeegee and roller applied. This fast-curing polyaspartic develops a hard, high-gloss, scratch resistant film that can be used as a clear or pigmented topcoat.

APPLICATIONS

PAS-200 is formulated for use in high-traffic areas and industrial floor applications including warehouses, garages, and manufacturing plants. It can be used with epoxy flake or colored quartz, and can be tinted to meet safety or industrial colored floor requirements, visibility, or designated zone marking, as well as decorative flooring solutions. With proper surface preparation, PAS-200 can be applied over existing coatings or concrete. Uses include:

- Warehouses
- Manufacturing
- Educational
- Pharmaceutical
- Garages
- Laundry Areas
- Hospitals

ADVANTAGES

- Low VOC's
- High-solids
- High gloss, low odor
- Excellent chemical resistance
- High mold and mildew resistance
- Excellent abrasion resistance
- Available in various color options

PHYSICAL PROPERTIES

Mix Ratio	1:2 (A:B) by Volume
Coverage Rate	150-250 sq ft/gal
Mixed Solids	100%
VOCs	<1 g/L
Viscosity (mixed)	200-300 cps
Pot Life	12-18 mins
Tack-free	4-5 hours
Light Traffic	10-12 hours
Full Cure	48 hours
Bulk Density	
Side A:	9.3 lbs/gal
Side B:	8.9 lbs/gal

Available in
1.5-gallon Kit
3-gallon Kit

Shelf Life
1 year in original unopened container.

Storage Conditions
Recommended storage temperature is between 75°F to 85°F. Do not store below 55°F or above 85°F.

Consistency
Pourable, self-leveling liquid.

Pot Life
Approx. 12-18 minutes (at 72°F)

Appearance
Colorless to light yellow

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MATERIAL COVERAGE PER GALLON

Coverage rate will vary based on concrete porosity, finish and environmental conditions. Typical installations will yield 200-250 sq ft per gallon.

Acid-stained or Prepped Concrete - 150-200 sq ft per gallon
Existing Coated Surface - 200-250 sq ft per gallon

SURFACE PREPARATION

Existing Coating
Thoroughly sand with 120-220 grit paper and clean to ensure a strong bond between coats. After sanding, vacuum thoroughly to remove any dust, dirt, or debris. Do not use water to clean a floor prior to application.

Acid-stained Concrete
Follow acid stain manufacturer procedure for cleaning and neutralization before applyings.

Bare Concrete
Concrete must be mechanically ground or shot-blast to a profile resembling ICRI-CSP2-3. The concrete must be at least 28 days old and dry. For higher film build and better adhesion, a primer application using PMR-100 or PMR-60 WB is preferred before applying PAS-200 as a topcoat.

APPLICATION RECOMMENDATIONS

Ensure the surface is clean and thoroughly dried. PAS-200 has a low viscosity and is recommended to apply over prepped concrete with a squeegee and then back-rolled with a 1/4" nap roller, to minimize air entrapment.

Using acetone or MEK, clean rollers and tools. Recoat time is 8 hours after initial coat.

This product is best applied at a temperature range of 50ºF to 85ºF, with humidity at 20% to 60%. PAS-200 is sensitive to excess substrate moisture content. The substrate moisture vapor emission rate must not exceed 3 lbs./1000 sq.ft. over a 24 hour period as tested using the calcium chloride test, ASTM F1869. If using a moisture testing meter, the moisture reading must not exceed 5%.

LIMITATIONS

This product is sensitive to moisture, alcohols, and liquid epoxy materials. Contamination with alcohols such as isopropyl alcohol (IPA), benzyl alcohol will cause product failure, foam, and excessive heat while mixing and applying. Contamination with liquid epoxy materials will also cause excessive heat and product failure. Do not re-use previously opened containers. It is not recommended this product be transferred to another container before mixing.

FIRST AID

Remove contaminated clothing. If Inhaled: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. If on the skin: Wash affected areas thoroughly with soap and water. If in the eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Obtain medical attention.

WARRANTY

HTS warrants its products to be free of manufacturing defects will meet current published physical properties when applied in accordance with HTS directions and tested in accordance with ASTM and HTS standards. There are no other warranties by HTS of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. HTS shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever.

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