



# Technical Data Sheet

## PAP 73™

### Polyaspartic Coating

#### Description

PAP 73™ is a VOC-free, two-part aliphatic polyaspartic clear gloss coating designed as a high performance coating for use in a variety of protective coating and seamless flooring applications. PAP 73™ provides excellent abrasion, impact, and chemical resistance while maintaining flexible properties. PAP 73™ exhibits low odors and fast setting properties, which is ideal for application in areas that need to be returned to service quickly.

#### Advantages

- Fast Curing
- High Gloss Finish
- Self-Leveling
- UV/IR Resistant
- Excellent abrasion/ chemical resistance
- Superior adhesion
- VOC Compliant
- Odor Free

#### Colors

A variety of colors can be obtained upon request.

#### Typical Uses

Common uses include industrial and commercial flooring, deck and swimming pool coatings, decorative concrete and garage floors..

#### Restrictions

- Surface temperature must be between 55° - 85°F
- Do not apply material when humidity is above 85%
- Humidity content of substrate must be < 4% when product is applied
- Epoxy primer may be necessary on porous surfaces

#### Surface Prep

Concrete surface must be cleaned. BLASTRAC, sand blasting, diamond grinder w/30 grit or coarse, or water blasting is highly recommended to remove surface contaminants.

Any oils and fats must be removed prior to product application. Acid etching may be required (followed by a thorough rinsing) to open the pores of the concrete to accept a primer.

Do not apply to wet substrates. Chloride, moisture, and pH levels should be checked prior to application. In almost every application a primer is recommended prior to use of PAP 73.

#### Mixing

The mixing ratio is 1 Part A to 1 Part B by volume. Use a clean, dry container and mix at slow speed using a Jiffy Mixer Blade (ES type), be cautious not to over mix and create a vortex. After mixing, transfer mix material into another clean pail and again remix. Mix only that amount which will be used within 20 minutes. Additional approved solvent may be added up to 15% to lower the viscosity and extend the working time.

#### Application

PAP 73 may be brushed, rolled or sprayed using a plural component spray equipment. If roll applying, the roller must have an industrial grade phenolic resin core with a solvent resistant synthetic nap or lambs-wool cover. Typical application method involves pouring the newly mixed material onto the floor, spreading it with a rubber squeegee, and finish rolling immediately with an approved roller.

#### Cleaning

Clean with a solvent based thinner to remove any residue from tools or any unwanted areas. Cured product may need to be mechanically removed. Clean hands/body with hot soapy water.

#### Health and Safety

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses, chemical resistant gloves and a filtered breathing apparatus while handling this material.

## HBE Technical Data

<b>Ratio</b>	1A : 1B	<b>Pot Life</b>	20-25 min @ 70°F
<b>Solids Content</b>	73%	<b>Working Time</b>	20-25 min @ 70°F
<b>VOC Content</b>	0 lbs / gal		
<b>Color</b>	Clear	<b>Cure Times @ 70°F</b>	1-2 hours - Dry to touch 2-3 hours - Foot traffic 1 day - Full cure
<b>Viscosity</b>	500cps	<b>Recoat Time @ 70°F</b>	1-2 hours - minimum 24 hours - Maximum
<b>Packaging</b>	2 Gallon Kit 1 gal - Part A 1 gal - Part B	<b>Coverage Rates</b>	150 sq ft / gal @ 12 mils 200 sq ft / gal @ 8 mils 350 sq ft / gal @ 3 mils

**NOTE: Times and data mentioned are based on laboratory conditions. Field results may vary and will be affected by changing ambient conditions, especially changes in temperature and relative humidity. Indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage.**

Physical Data	Test Method	Result
<b>Adhesion</b>	ASTM D4541	300 psi ( failure of substrate )
<b>Abrasive Resistance</b>	ASTM D4060	.10g (CS17 / 1000 cycles / 1000g)
<b>Compressive Strength</b>	ASTM D695	12,000 psi
<b>Flexural Strength</b>	ASTM D790	4,300 psi
<b>Permeability (%)</b>	ASTM D570	0.3%
<b>Elongation</b>	ASTM D638	10%
<b>Hardness, Shore D</b>	ASTM D2240	70-75
<b>Tensile Strength</b>	ASTM D638	4500
<b>Resistance to Mold Growth</b>	ASTM D3273	Rated 10 (highest resistance)
<b>Flammability</b>		Self-Extinguishing
<b>Flash Point</b>		>93°F

**PAP 73 is resistant to many common chemicals Please refer to our chemical resistance chart for more details.**

Disclaimer: The info herein is general to assist our customers in determining whether TruCrete® products are suitable for their specific applications. TruCrete® products are intended for sale to trained installers. We recommend that customers inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use TruCrete® products for. Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental or consequential damages.