

### DESCRIPTION.

304 ACE 90% SOLIDS POLYASPARTIC is a two-component, fast-drying topcoat that provides exceptional abrasion chemical, UV and hot-tire resistance. The ultra-high solids content provides a robust topcoat for ACE EPOXY systems that result in durability for the end user. This product is available in a clear gloss or can be pigmented using 500 ACE UNIVERSAL PIGMENTS. The 304 ACE 90% SOLIDS POLYASPARTIC features a long pot life for ease of application over decorative flake, quartz, sand broadcast, or solid color applications.

### SUBSTRATE CONDITIONS.

304 ACE 90% SOLIDS POLYASPARTIC should be used in conjunction with 202 ACE EPOXY or 204 ACE EPOXY. Refer to ACE FLAKE SYSTEM guide for additional information.

### ENVIROMENTAL CONSIDERATIONS.

Ideal environmental conditions for 304 ACE 90% SOLIDS POLYASPARTIC are between 50-85°F and relative humidity of 65%.

- Hot and humid climate will shorten the pot life and curing time, which can have an adverse effect on the final appearance of the floor.
- Cold and dry climate will increase the pot life and prolong the curing time, making the floor susceptible for contamination and longer shutdown times.
- Applying the product during descending temperature will help reduce concrete out-gassing from occurring.

Storing the material before the application in areas where the temperature is within the recommended range for at least a day is strongly recommended. Other methods accommodate for temperature and moisture outside the range:

- Ice the buckets several hours before the application in case of hot and humid weather. Use pail warmer in case of cold weather.
- Applying the material during the night, morning or afternoon will improve application conditions for hot weather. Applying during the day will help with colder conditions.

### COVERAGE.

SURFACE.	FIRST COAT.	SECOND COAT.
Over 1/4" Flake	150 – 175 sq. ft per gal	175 – 200 sq. ft per gal
Over Sealed Surface	150 – 175 sq. ft per gal	175 – 200 sq. ft per gal

### RECOMMENDED APPLICATION TOOLS.

- 18" x 3/8" Lint free Rollers
- 18" roller assembly
- Epoxy / Paint Mixer
- Spike Shoes
- Bent Floor 24" Scraper + Handle
- Rigid 18" Floor Scraper + Handle
- 4-Inch Weenie Roller Frame
- 4-Inch Weenie Roller 3/8 Nap 2 Pack
- 6-Inch Weenie Roller Frame
- 6-Inch Weenie Roller 3/8 Nap 2 Pack

- 22" Magic Trowel
- Acetone or Xylene for cleaning
- Rags
- Gloves, Long Pants & Long Sleeves
- Eye Protection
- Respirator compliant with NIOSH / Face mask

### **POLYASPARTIC APPLICATION.**

1. If applying 304 ACE 90% SOLIDS POLYASPARTIC over a previously coated floor, lightly sand the surface to create a profile that allows for inter-coat bonding.
2. Premix Part A and Part B in their respective buckets.
3. Pour Part B into Part A at ratios listed on labels and mix for 3 minutes using a jiffy blade mix with a low-speed drill.
4. Make sure that all of the material in the container has been mixed. Scrape the walls of the bucket with a wooden paddle to ensure all material is mixed. Continue mixing for 1 minute.
5. Use spike shoes when applying 304 ACE 90% SOLIDS POLYASPARTIC for proper reach of the areas of application.
6. Pour the material in even lines about 4" to 6" thick.
7. Using an 18" x 3/8" nap roller, spread the polyaspartic topcoat to achieve a rate of 150 -175 sq. ft per gallon.
8. Assure there is a wet edge of uncured material between applications of material for uniformity and proper curing process.
9. Allow 304 ACE 90% SOLIDS POLYASPARTIC to cure proper time according to climate conditions before opening for traffic. Please refer to product TDS for curing times.

### **LIMITATIONS.**

- 302 ACE 80% SOLIDS POLYASPARTIC is combustible and measures to assure its safety and integrity are highly recommended.
- All sources of ignition should be turned off during installation and remain off until solvent vapors have dissipated.
- Not resistant to acids
- Requires a moisture vapor barrier for substrates that exceed 3lbs of MVT.
- Will not bridge cracking.

### **ADDITIONAL CAUTIONS AND RECOMENDATIONS.**

- Have all personnel who come in contact with liquids read The ACE EPOXY, URETHANE, AND POLYASPARTIC 2K SAFETY GUIDE and Material Safety Data Sheets before commencing work.

### **TECHNICAL SUPPORT.**

Visit [www.aceepoxy.com/techsupport](http://www.aceepoxy.com/techsupport) or scan the QR code below for system support and videos.

