

DESCRIPTION.

302 ACE 80% SOLIDS POLYASPARTIC is a two-component topcoat that provides exceptional abrasion, chemical, UV and hot-tire resistance. It is designed to be the final topcoat over two-component concrete flooring systems. The low viscosity of this product provides great flow and leveling, with cross linking that allows for a smooth and extremely durable single coat application. This product is available in a clear gloss or can be pigmented using **500 ACE UNIVERSAL PIGMENTS**. The **302 ACE 80% SOLIDS POLYASPARTIC** features a long pot life for ease of application over decorative flake, quartz, or solid color floors.

SUBSTRATE CONDITIONS.

302 ACE 80% SOLIDS POLYASPARTIC should be used in conjunction with **202 ACE EPOXY** or **204 ACE EPOXY**. Refer to **ACE FLAKE SYSTEM** guide for more information.

ENVIRONMENTAL CONSIDERATIONS.

Ideal environmental conditions for **302 ACE 80% 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 ¼" 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 302 ACE 80% 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 the 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 302 ACE 80% SOLIDS POLYASPARTIC for proper reach of the areas of application.
6. Pour the material in even lines about 4" to 6" thick.
7. Using the 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 302 ACE 80% 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 or scan the QR code below for system support and videos.

