

TCS POLYASPARTIC

WINTER - SPRING - SUPER SUMMER



TCS Polyaspartic Winter/Spring/Super Summer is a high-solids, two-component aliphatic roll-down coating formulated for warm, humid conditions. Available in 80%, 85%, 89%, and 100% solids, it provides more working time compared to other aspartic systems in high humidity. The polymer structure is clear or pigmented, non-yellowing, and very tough. It delivers excellent color retention, adhesion, and chemical resistance. Highly resistant to staining and marking, it ensures durable, long-lasting performance.

Technical Properties

- Solids: 80, 85%, 90% (± 3%)
- Mix Ratio: 1:1
- VOC Exempt N/A
- Potlife 45 ± mins @ 75 °F
- Working Time: 40 mins (light traffic)
- Walk on Time: 10 Hours @ 75 °F
- Return to service: 24 hours @ 75 °F
- Recoat Window: 24 Hours @ 75 °F
- Full cure: 3-7 days
- Shore D Hardness:
- Hardness D Hardness: ASTM D2240 | 75-80
- Abrasion Resistance: ASTM D4060 | 12 mg Lost
- Adhesion: ACI 503R } 490 PSI
- Flammability : Combustible

Recommendations:

175-200 SqFt Per Gallon

Working Times:

Winter 20-25 minutes

Spring 30-35 minutes

Super Summer 35-40 minutes

Dry to Touch:

Winter 1.5-4 hrs

Spring 4-8 hrs

Super Summer 6-10 hrs

Chemical Resistance – TCS Polyaspartic Systems:

- 10% Acetic Acid: 24 hrs. (+), 7 days (– Yellowing) 100% Ethanol 200 Proof: 24 hrs. (+), 7 days (+)
- 50% Sulfuric Acid: 24 hrs. (+), 7 days (+)
- 38% Hydrochloric Acid: 24 hrs. (+), 7 days (+)
- 10% NaCl: 24 hrs. (+), 7 days (+)
- 28% Ammonia: 24 hrs. (+), 7 days (+)
- 85% Lactic Acid: 24 hrs. (+), 7 days (– Down Gloss)
- 5% to 10% Clorox Bleach: 24 hrs. (+), 7 days (+)
- Citrus Cleaning Solvent: 24 hrs. (+), 7 days (– Slight Blisters)
- Skydrol PE-5: 24 hrs. (+), 7 days (+)
- Power Steering Fluid: 24 hrs. (+), 7 days (+)
- Transmission Fluid Dextron: 24 hrs. (+), 7 days (+)
- Motor Oil: 24 hrs. (+), 7 days (+)
- Brake Fluid: 24 hrs. (+), 7 days (– Slight Blisters)
- Unleaded Gasoline: 24 hrs. (+), 7 days (+)
- MEK: 24 hrs. (–), 7 days (–)
- Xylene: 24 hrs. (–), 7 days (–)
- Tap Water, Coffee, Cola, Grape Juice, Ketchup: 24 hrs. (+), 7 days (+)
- Mustard/Yellowing: 24 hrs. (–), 7 days (– Transient)
- Legend: (+) Positive Results (–) Negative Results



FOR ADDITIONAL INFORMATION CONTACT TWIN COATING SUPPLIES 817-676-6793