

Technical Data Sheet

Product #: 196-4177 – Clear High Gloss
196-4205 – Clear Flat

Product Name: 2K Waterborne Aliphatic Polyurethane

Description: A zero VOC, zero HAPs, low odor, catalyzed waterborne polyurethane. This product exhibits outstanding film hardness, impact, abrasion, corrosion, chemical, solvent, and UV resistance. It can be applied to interior or exterior, vertical or horizontal surfaces such as concrete, masonry, wood, aluminum, ferrous metal, and VCT. Excellent for use on floors or as a general purpose maintenance coating in industrial, commercial, and residential settings. Resists hot tire pick-up.

Properties:

<u>Physical:</u>	<u>Application:</u>
Color: Clear	Viscosity: As is
Weight/Gallon: 9.0 +/- 0.25 lbs./gal. (mixed)	Reduction: ≤ 8 fl oz per gallon for spraying
Viscosity: 80-85 KU (mixed)	Reducer: Water
Gloss: High Gloss >90%	Clean Up: Soap and water
Flat <6%	Application Method: Brush/Roll/Spray
Weight Solids: 54% +/- 2.0 (mixed)	Coverage (sq.ft./gallon): 325-500/coat (2 coats required)
Volume Solids: 47% +/- 2.0 (mixed)	Wet Film Thickness: 3.0-5.0 mils/coat
Pot Life: 1-2 hours @ 77°F	Dry Film Thickness: 1.4-2.3 mils/coat
Mix Ratio: (by Volume) 80 oz Part A : 32 oz Part B	Dry to Recoat: 4-6 hours (ideally)
Mixing Time: 3-5 minutes	≤12 hours (required)
Induction Time: None	Salt Fog (ASTM B117): Passes 1000 hours
VOC (theoretical): Zero	Dry for light foot traffic: 24 hours
Flash Point: ≥ 330°F	Dry for full foot traffic: 48 hours
Shelf Life: 1 year minimum in unopened container at 77°F.	Full Cure: 5 days
Storage: Store at 60-80°F in a dry place out of direct sunlight	Note: Drying times are at 70°F and 58% RH. Cool temperatures, high humidity, poor ventilation or heavy film thicknesses will extend dry times. Warmer temperatures and lower humidity will decrease dry times.

Notes:	<p>Mix Part A thoroughly then add the full contents of Part B to Part A and blend completely (3-5 minutes). A drill mounted impeller is recommended for best mixing. Do not add water to individual components. If needed for spraying, up to 8 fl. oz. of water may be stirred into the blended mixture. Apply when air and surface temperatures are 50-90°F and the relative humidity is less than 85%. Do not apply if rain is expected within 48 hours of application. Two coats are required at the recommended spreading rate. Do not exceed spreading rate as this may cause pinholes, micro-blistering, or a milky appearance. If over 12 hours lapses between coats, lightly scuff sand the surface and remove all dust before applying the next coat.</p>
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Also Available: Special colors. Contact us for details.

The information and data given herein are based upon tests and reports considered reliable and believed to be accurate. However, due to circumstances beyond our control including but not limited to surface preparation, application technique, substrate and curing conditions, no guarantee of duplicate performance, expressed or implied, is made.