



Technical Data Sheet Base Coat Resin

DESCRIPTION

Angel Chrome Base Coat is a durable, full gloss, clear, flexible, automotive grade 2-part acrylic urethane coating with a superior flow out, a fast dry time and a long pot life. Can be air dried or force dried.

ATTRIBUTES

- Adheres well to most plastics including ABS, PLA, nylon and Bondo® automotive filler
- Does not adhere well to polyethylene or polycarbonate
- Use Metal Primer for best adhesion to metal surfaces
- Lack of UV inhibitors in base coat allows for better (optional) flame treating
- Meets most air quality regulations, VOC when mixed is 2.8 lbs/gal
- Can be wet sanded with 3000 grit sandpaper.
- Recommended wet film thickness is 3-4 mils, Dry is 0.5 – 1.0 mils.

HOW TO USE:

- Mix **8:1** by volume or weight with Universal Hardener. Do not thin.
- Apply with an HVLP gun with **1.0 fluid tip** at **40-50 psi**
- Apply one double wet coat. Avoid a dry, misted appearance.
- If a second coat is desired, allow to flash off for 3-4 minutes between coats.
- Can also be applied with an aerosol sprayer or by dipping
- Surface must be clean, dry and free of oil and grease. Clean plastic with alcohol.
- Pot life is 6 to 9 hours depending on ambient temperature.
- Dries to touch in 20 minutes, cures by air drying in 12 hours,
- To force dry, allow to flash off for 15 minutes before heating under infrared or halogen lights for 1 hour at 140 - 194 deg F.
- Flame (plasma) treating base coat is optional but recommended for maximum adhesion of chrome. .
- Clean fully cured Base Coat with Dawn dish soap before chroming.
- Clean gun with lacquer thinner immediately after using.

Personal Protective Equipment

Respiratory: NIOSH respirator for organic vapor. For long term exposure use Supplied Air Respirator.
Eyes; Safety glasses. *Skin:* Neoprene rubber gloves.

CONSULT SDS for product number D2016 before using.

Lab Results		Properties	
Adhesion	Excellent	Weight per gallon	8.66 lbs
Chemical Resistance	Good	Solids % vol / wt	22.25 / 25.22%
Impact Resistance	Good	Package life	1 year
Hardness	3H	Gallon spread @ 1 mil	357 sq ft
Lactic Acid	Good	VOC lb /gal gm/ltr	2.8lbs 336 gm
Salt Spray	100 hours	Dry to touch	20 minutes
Humidity	100 hours	Air dry	12 hours

We believe this data to be reliable, but we offer it without guarantee as conditions and methods of use are beyond our control. We strongly suggest testing this product to determine its suitability for your use.