



Tech Data

AC-9035 Express Clear

AC-9035 Express Clear is an extremely fast curing, high gloss, superb quality clearcoat designed for small repairs over most aftermarket basecoat systems. AC-9035 dries extremely fast and retains high gloss and DOI. AC-9035 can be buffed to match the original finish after 20 to 40 minutes air dry and can be buffed for up to several days. These extremely fast dry times allow shops to be more productive and at the same time use less energy since the bake cycle can be eliminated. AC-9035 can be applied in a variety of shop temperatures and humidity conditions.

Products

AC-9035
AH-6570
AH-6580
AH-6590

Express Clear
Fast Activator
Medium Activator
Slow Activator

Application

Surface Preparation, Bare Substrates

Solvent wash surface with a good grade wax and grease remover such as AS-2900 and wipe dry with a clean cloth. Apply three single wet coats of AP-8300 Series Epoxy Primer according to instructions on data sheet. Follow with two to three coats of AP-8030 Super-Fill Primer.

Surface Preparation, Prepainted Substrates

Wash surfaces with a mild detergent and hot water. Rinse with clean water and wipe dry with a clean cloth. Solvent clean with AS-2900 Clean Ease. Wipe dry with a clean cloth. Sand original paint and repair damaged areas with a good quality non-staining body filler. Apply 2-3 wet coats of AP-8030 Super-Fill Primer as needed to fill voids and block sand with 180 to 280 grit treated sandpaper. Finish sand repaired area with 320 grit sandpaper using a DA Sander. For spot repairs, scuff sand area where basecoat and clearcoat will be blended with 320 to 600 grit sandpaper or nylon scuff pad.

Sealer

Apply appropriate sealers such as AP-8300 Series Epoxy Primer or AP-8060 2K Sealer according to manufacturer's instructions. Allow sufficient flash times to allow the solvents to escape film. Insufficient flash times will lead to retarded hardness development of the total system.

Basecoat

For best results, follow flash times and film thickness recommendations of the basecoat supplier. Note: flash times vary between basecoats and are dependent on the shop temperature and air movement. Insufficient basecoat flash time may lead to movement of the basecoat metallic pigments and loss of clearcoat gloss.

Mixing Directions

4 Parts AC-9035
1 Part AH-6570, AH-6580, or AH-6590

Express Clear
Activator

Once catalyzed, AC-9035 is ready to spray. However, for specific shop conditions, AC-9035 can be reduced with up to 10% urethane grade reducer.

Application

Adjust air pressure at the gun to 45-50 psi for siphon feed guns or 6-10 psi when using a HVLP. Use less pressure to minimize over spray on small jobs. Apply 2-3 coats at a gun distance of 8-12 inches with no flash time between. Recommended dry film thickness is 1.8 to 2.5 mils.

Blending Procedure

Before blending the Panel with clear, the blended area must be washed and scuff sanded thoroughly with a good quality wax and grease remover such as AR-2900. Apply wet coats of clear to cover the repaired area and slightly beyond. Extend the second coat 4 to 8 inches beyond the first coat. Begin application of the final coat 4 to 8 inches beyond the second coat and spray into the center of the painted area. Best results can be achieved by the application of AS-2150 Blend Ease around edges between coats. Any dry edges remaining can be melted in immediately by misting with our AS-2150 Blend Ease.

Drying Schedule

Dry times are based on recommended film thickness and are dependent on ambient temperature. Excessive film thicknesses, low temperature and poor air movement will retard dry times.

The schedule below is based on AH6580 Medium Activator and variances between these activator speeds are minimal.

<u>Air Dry</u>	<u>AH-6570, AH-6580, AH-6590</u>
Tack Free	6-10 minutes
To buff	20-40 minutes
To deliver	20-40 minutes

Buffing

If buffing is needed to remove dirt, allow the clearcoat to dry the recommended time then wet sand with 800-1000 grit sandpaper followed by 1500 grit sandpaper. When all 800-1000 scratches are removed, buff with a fine grade liquid rubbing compound followed by a polish or glaze compound applied by hand or machine.

Technical Data

Weight Solids		Mixing Ratio	4:1
Package	37%	Air Pressure @ Gun	45-50 psi
Ready to Spray	41%	Recommended Film Thickness	1.8 - 2.5 mil
Volume Solids		Flash Point	40°F TCC
Package	30%	Gloss	90+
Ready to spray	34%	DOI	Excellent
VOC @ Gun	3.9 lbs/gal	Pot Life	45 to 70 minutes
Viscosity @ Gun	16-19 sec #2 Zahn	Coverage Ready to Spray	475 sq ft

Performance Data

Flexibility	Excellent	Direct Impact	Excellent	Chip Resistance	Excellent
Salt Resistance	Excellent	Humidity Resistance	Excellent	Hardness	3H