DURANAR® ADS (Air Dry System)
Air Dry Fluoropolymer Coatings

Product
Air-dry fluoropolymer finish for touch-up and repair of factory-applied coil and extrusion finishes

Colors
Solid, metallic and pearlescent colors matching factory-applied Duranar coatings

Recommended Use
A one-component solvent based coating system for use over properly prepared, painted or bare, aluminum and steel building components, with performance characteristics comparable to factory-applied PVDF finishes.

Density*
8.45 ± 0.30 lbs./gal.

Volume Solids*
18% ± 1%

Weight Solids*
33% ± 1%

Package Viscosity*
10-30 sec. #3 Zahn @ 77F

Spreading Rate - Unreduced*
Average of 100-120 sq. ft. per gallon at 1.0 dry mils with a conventional spray application.

Reduction for Use
Mix thoroughly before use. There are packaged ‘fast’ and ‘slow’ solvent blends (ADS-FAST & ADS-SLOW) available through Nanochem Technologies to satisfy specific application temperature and humidity conditions. See Applications Manual for details. NOTE: Duranar ADS coatings are not compatible with all solvents.

Drying Time Under Normal Conditions (77°F @ 50% Relative Humidity)
To touch: 1 hour | To handle: 4 hours | To pack: Overnight
Drying time will vary based on temperature and humidity conditions. Apply only when air, product and surface temperatures are between 50°F -100°F and at least 10°F above the dew point.

Special Remarks
Due to the variability of substrate conditions, scuff-sanding and/or cleaning alone, prior to painting, may not be sufficient enough to obtain adhesion of the Duranar ADS finish. A tie-coat primer may be required. See the Duranar ADS Coatings Application Guidelines Manual for further details and a list of recommended tie-coat primers.

Application Methods
Air spray is recommended. Rolling or brushing is not recommended due to the drying speed of the paint system. Small touch-ups may be accomplished using an artist's brush or dauber pen. A multiple, light pass spraying technique to slowly build the film thickness will prevent sagging and allow for proper drying. Add more reducing solvent or switch to the slower reducing solvent and/or increase fluid delivery to improve paint surface smoothness.

Application Equipment
Conventional air atomizing spray guns with a 35-90 PSI pressure range. For aerosol can application, use a disposable spray gun with a separate aerosol charge can. NOTE: Duranar ADS coatings are not compatible with most aerosol can propellants.

Clean Up
MEK, MIBK, mineral spirits, toluene

Shelf Life
One year at 77°F storage conditions
Reduced samples: six months

Safety Precautions
Refer to label warning and available MSDS literature. Due to changing governmental legislation regarding the emission of volatile organic solvents (VOC), the use of Duranar ADS coatings in certain regions is regulated and may require a permit prior to its use for any field repainting. Contact your local authorities to determine the local ordinances.

*See Individual Product Data Sheets.