

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.

*See Individual Product Data Sheets.

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.