

AS50 Series

High Solid Anti-Skid Coating



Product AS50 Series High Solid Anti-Skid Coating

Item Class Specialty Coating

AS50 Series is a high solid two component, over-wing polyurethane coating utilized for upper wing marking of escape routes and interior cargo bay flooring. This product contains anti-skid grit to promote traction. Unlike lacquer-based wing walk coatings, AS50 is resistant to hydraulic fluids and other commonly used solvents. This product is best applied using rolling or brushing techniques.

Specifications Product is manufactured to meet the performance requirements of the following specifications:

A-A-59166 Ty II - AIMS 04-04-024
*Contact 3Chem for a complete specification listing

Catalyst & Additives Catalyst/Activator

350

Use of Primers Contact your local 3Chem representative for a complete list of epoxy primers which may be utilized with this system.

Surface Preparation Prepare substrate per OEM requirements. Contact your local 3Chem representative for assistance.

Mixing Instructions

Base	Catalyst/Activator	Mix Ratio
AS53-XXXX	350	1:1

Shake (Base) for 15 minutes to assure no solid settlement remains in can. Add component B catalyst to component A paint first. Mix ratio for material is 1 part component A paint, 1-part component B catalyst. No thinner should be added to semi-gloss or flat colors. (Kit yield either 2 gallons or 2 quarts). Must ensure mix ratio is exact to obtain desired semi-gloss or flat finish.

Induction Time Although no induction time is needed. Once mixed together, ensure that admixed material is continuously stirred for at least 5 minutes before proceeding.

Pot Life 7 Hours @ 21° Celsius, 70° Fahrenheit

Film Thickness 3-4 Mils DFT - Wet film thickness should be 5-7 Mils total

Color Available in various solid colors

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Application Instructions

Temperature	Dry to Tape	Dry to Handle	Full Cure
52-65°F (11-18°C)	5-6 Hours	7-8 Hours	6 Days
66-85°F (19-29°C)	5-6 Hours	6-7 Hours	6 Days
86-95°F (30-35°C)	5-6 Hours	5-6 Hours	6 Days

Only mix enough material to be applied on initial coat. Always add component B activator to component A paint. Complete kit of material will yield 2 US Gallons (7.5 liters). 1-gallon component A paint, 1-gallon component B activator. Using a solvent resistant brush or roller, apply one even wet coat of material. A second coat may be applied to increase film thickness or grit amount.

Application Instructions PS40 Accelerator (Fast dry additive mix options)

PS40 Accelerator	Dry Between Coats	Dry to Handle	Dry Hard	Pot Life	Full Cure
2% By Volume	12 Minutes	2 Hours	4 Hours	4 Hours	6 Days
3% By Volume	10 Minutes	1 Hours	2.5 Hours	3 Hours	6 Days
5% By Volume	5 Minutes	30 Minutes	1 Hour	45 Minutes	6 Days

*Note: Overuse of PS40 additive may affect product gloss and finish

Theoretical Coverage 350-375 sq. ft / gallon @ 1 mil 8-9m² / liter @1 mil
*Coverage calculated using brushing/rolling techniques

Gloss Not applicable

Volatile Organic Compound 340 – 390 g/l

Shelf Life 24 Months (When stored in climate-controlled environment between 60-80° F)
*Product may be re-certified upon inspection by 3Chem.

Safety Instructions Always read material safety data sheet (SDS) and product label before utilizing this product. Product SDS is available upon request.

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