

# AS43 Series

## Anti-Skid Epoxy Coating



**Product** AS43 Series Anti-Skid Epoxy Coating

**Item Class** Specialty Coating

AS43 is a 2 component, anti-skid flat epoxy coating utilized for interior cargo bay flooring applications. Unlike lacquer-based wing walk coatings, AS43 is resistant to hydraulic fluids and other commonly used solvents. It's epoxy-based formulation provides for excellent adhesion properties and does not require the use of primer. This product is best applied using rolling or brushing techniques.

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

SMI 70 210-1

**Catalyst & Additives** Catalyst/Activator

340

**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
AS43-XXXX (Flat)	340	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 insure mix ratio is exact to obtain desired semi-gloss or flat finish.

**Induction Time** Once mixed together, allow admixed material to induct for 10 minutes prior to use.

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

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

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### Application Instructions

Temperature and Humidity	Minimum	Maximum
Temperature Celsius	11°	35°
Temperature Fahrenheit	52°	95°
Humidity	33%	74%

Temperature	Dry to Tape	Dry to Handle	Full Cure
52-65°F (11-18°C)	6-7 Hours	8-10 Hours	6 Days
66-85°F (19-29°C)	5-6 Hours	7-8 Hours	6 Days
86-95°F (30-35°C)	5-6 Hours	7-8 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.

**Force Cure:** If deemed necessary oven curing is possible to reduce dry to tape and handle times. After application, allow coating to air dry for 1 hour at room temperature (75° F), then force cure for 2 hours at 120° F.

**Theoretical Coverage** 350-375 sq. ft / gallon @ 1 mil 8-9m<sup>2</sup> / liter @1 mil  
\*Coverage calculated using brushing / rolling techniques

**Color** Available in all color ranges

**Gloss** Flat/Matt Colors: Less than 5 @ 60 degrees

**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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