

MIL-P-21563B-CLEAR

Clear Acrylic Coating



Product MIL-P-21563B-CLEAR Acrylic Coating

Item Class Single Component Acrylic

This product is a single component acrylic topcoat designed for use over high visibility fluorescent coatings meeting Mil-P-21563B specification.

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

MIL-P-21563B

Surface Preparation Prepare substrate per OEM requirements. Refer to Glair application guide for detailed instructions or contact your local 3Chem representative for assistance.

Spraying Viscosity 18-24 Seconds with #2 Zahn cup

Film Thickness .5 - .8 mils DFT. Wet film thickness should be .75 – 1.25 mils total

Application Instructions

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

Spray Equipment

Spray Gun Type	Tip/Nozzle Size	Cap Pressure	Pot Pressure
Conventional Air	1.2 - 1.4 mm	45 to 60 psi	10 to 20 psi
HVLP	1.2 - 1.4mm	10 psi Maximum	10 to 20 psi
Electrostatic	1.2 - 1.5mm	45 to 60 psi	10 to 40 psi

Number of Coats:

Apply one even wet coat within film thickness recommendations.

Application Instructions Dry times: (86-95°F / 30-35°C)

Dust Free	Tack Free	Dry to Tape	Dry to Top Coat	Dry Hard
15 Minutes	45 Hours	2 Hours	1 Hour	2.5 Hours

Theoretical Coverage 350-375 sq. ft / gallon @ 1 mil 8-9-22m² / liter @1 mil
*Coverage based on 100% transfer efficiency rate

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Color	Clear / Transparent
Gloss	85 minimum @ 60 degrees
Volatile Organic Compound	380 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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2

PRODUCT TECHNICAL DATA SHEET