

# Camokote C80 Series

## Exterior Fluorescent Paint System



**Product** Camokote C80 Series Exterior Fluorescent Paint System

**Item Class** Specialty Coating

Camokote C80 Series is a high visibility exterior fluorescent coating system used on exterior aircraft applications. It is a 2-stage system including a fluorescent base and high solid clear polyurethane topcoat offering excellent UV and weathering protection.

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

MIL-P-21563B

**Catalyst & Additives** Catalyst/Activator

922

**Use of Primers** Please 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. Refer to product application guide for detailed instructions or contact your local 3Chem representative for assistance.

**Mixing Instructions**

Base	Catalyst/Activator	Mix Ratio
C803-XXXX (Fluorescent Base)	None Required	Single Component
C801-1000 (Clear Coat)	922	1:1

### Fluorescent Base:

Shake single component material for 15 minutes to assure no solid settlement remains in can. This product is ready to use out of the can. Thinning is not necessary.

### Clear Coat:

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. (Kit yield either 2 gallons or 2 quarts).

**Spraying Viscosity** Fluorescent Base: 18-21 Seconds with #2 Zahn cup, Clear Coat: 17-19 Seconds with #2 Zahn cup

**Pot Life** 7 Hours @ 21° Celsius, 70° Fahrenheit (For Clear Coat only)

**Film Thickness** 2-3 Mills DFT (2 Coats @ 1-1.5 DFT) Wet film thickness should be 4-6 Mills total between 2 coats

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## PRODUCT TECHNICAL DATA SHEET

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### 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	1.3 - 1.6 mm	40 to 60 psi	10 to 20 psi
HVLP	1.4 - 1.6mm	10 psi Maximum	10 to 20 psi
Electrostatic	1.2 - 1.5mm	45 to 60 psi	10 to 40 psi

Product	Temperature	Dry to Tape	Dry to Handle	Full Cure
Fluorescent Base	66-85°F (19-29°C)	1 Hour	2 Hours	6 Days
Clear Coat	66-85°F (19-29°C)	5-6 Hours	7-8 Hours	6 Days

#### Fluorescent Base:

Apply one wet coat of material using a uniform spray pattern.

#### Clear Coat:

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.

Apply one even wet coat of material using a uniform spray pattern. Cross coat may be used to achieve 100%

**Color** Available in various Fluorescent colors

**Volatile Organic Compound** 300 – 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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