

TTE527 Series

Low Gloss Alkyd Enamel Coating



Product TTE527 Series Low Gloss Alkyd Enamel Coating

Item Class General Touch Up Coating

TTE527 Series is an alkyd enamel touch up coating which offers good durability and easy of application. It is formulated for use on both interior and exterior aircraft applications. This product offers excellent brushing and rolling characteristics.

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

TT-E-527D

Additives Thinner

CM155

Use of Primers Please contact your local 3Chem representative for a complete list of zinc and 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 | Thinner (Optional) | Mix Ratio |
|-------------------------|--------------------|-------------|
| TTE527-XXXX (Low Gloss) | CM155 | 1:.10 (Max) |

Spraying Viscosity Flat Colors: 19-22 Seconds with #2 Zahn cup

Film Thickness 1.5-2 Mils DFT (2 Coats @ 1-1.5 DFT) Wet film thickness should be 2.5-3 mils total

Application Instructions

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

Dry Times

| Temperature (Min/Max) | Thinner | Dust Free | Dry Hard | Full Cure |
|-----------------------|---------|------------|---------------|-----------|
| 52-95°F (11-35°C) | CM155 | 30 Minutes | 45-50 Minutes | 18 Hours |

Application Instructions

Low Gloss Colors:

Apply one even wet coat of material using a brush or roller. Apply only one coat of material to achieve proper gloss requirement of product.

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|----------------------------------|--|
| Theoretical Coverage | 300-350 sq. ft / gallon @ 1 mil 8-9m ² / liter @1 mil *Coverage based on 100% transfer efficiency rate |
| Color | Available in all color ranges |
| Gloss | Flat/Matt Colors: Less than 5 @ 60 degrees |
| Volatile Organic Compound | 290 – 338 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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PRODUCT TECHNICAL DATA SHEET