



TT-P-1757B, Class N Chrome Free Alkyd Primer 1757B1N-Y (Yellow), 1757B1N-T (Green) – Type I 1757B2N-T (Green) – Type II

ADVANTAGES

- Provides corrosion protection without the use of chromate, providing environmental benefits.
- Convenient 1K applications with no or minimal thinning required.
- Flows out to a smooth surface.
- Quick dry properties
- Provides excellent hiding
- Designed to work with all Sherwin-Williams Aerospace topcoat systems.
- High square coverage per gallon.
- Can be used with or without topcoat
- Meets military specification TT-P-1757B

DESCRIPTION

The 1757 chrome free primer series is a corrosion inhibitive alkyd primer which contains no chromate. It provides excellent adhesion to treated substrates and offers quick dry times. This product meets military specification TT-P-1757B class N type I and type II.

COATING PROPERTIES

Solids:

By weight	58.2 – 59.4%
By volume	37.8 – 40.3%
Wt./Gal.	10.0 – 10.8 lbs/gal
Specific Gravity	1.198 – 1.298

Color

1757B1N-Y	Yellow
1757B1N-T	Green
1757B2N-T	Green

Viscosity As Supplied

#4 Ford Cup	16-25 seconds
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V.O.C. As Supplied

Type I	4.18 lbs./gal (502 g/L)
Type II	2.68 lbs./gal (322 g/L)

Theoretical Coverage

Per dry mil	577 – 647 ft. ² / gal.
Per 25 microns	14.2 – 15.9 m ² / L

Dry Film Weight

Per dry mil	0.01 lb/ft ²
Per 25 microns	46.6 – 48.3 gm/m ²

SHELF LIFE

Shelf Life is applicable only for materials stored in unopened and undamaged original factory filled containers.

Minimum Storage Temp: 40°F / 4°C
Maximum Storage Temp: 100°F / 37°C

1757B1N-Y:	2 years
1757B1N-T:	2 years
1757B2N-T:	2 years

SURFACE PREPARATION

To ensure proper primer adhesion to the substrate, all dust, grease, oils, old paint, and other contaminants must be removed.

This primer is designed to go over various pre-treatments including surface treated aluminum or other surfaces with a pretreatment. Please refer to recommendations for cleaning, application, and preparation before painting to the manufacturer of the treatment.

MIXING INSTRUCTIONS

This primer is a single component primer. Shake material for 15 minutes before application.

Type I Primer – Thin using MIL-T-81772 type III thinner. Thin to 17 – 22 seconds #2 Zahn cup for spray applications

Type II Primer – no thinning recommended. This will exceed type II VOC limits.

Note: Should additional coats be required, mix fresh material in clean containers.

APPLICATION

Best spray application results are obtained by applying one singular continuous closed film or one cross coat.

Recommend dry film thickness: 0.6 to 0.9 mil

This product can be applied using conventional air spray HVLP or airless applications.

DRYING SCHEDULE

Dry times are based on the dry film thickness of 0.6 – 0.9 mil (15-25 microns).

Air Dry Times (75°F / 25°C and 50% RH)	<u>Min.</u>	<u>Max.</u>
Dry to touch	5 min	10 min
Dry Hard	15 min	20 min

Note: Lower temperatures, heavy film thickness, improper activator range selection and poor air movement will extend the dry time.

EQUIPMENT CLEANUP

Use clean Ketone-type solvents such as CM0110308 MEK. Do not allow material to dry inside equipment.

PRODUCT INFORMATION

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot

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