

Ceconite and Randolph Covering System

Nitrate/Butyrate Dopes From An Old Friend



Ceconite is the name of a family of aircraft fabric covering products, all based upon a **very special polyester fabric** that has become a **major industry standard**.

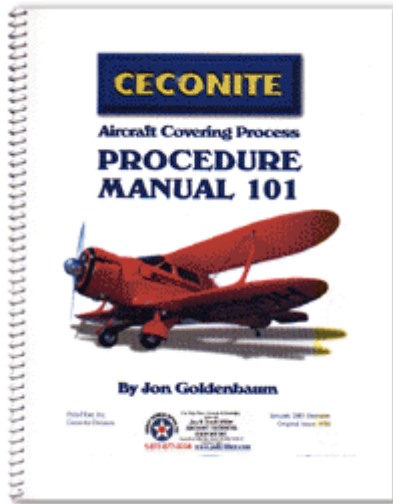
- It's stronger than Grade A cotton or linen & It's far more durable than either
- It weathers better and longer than either & It's easier to use and repair
- Shrinking is predictable and repeatable.

Unlike cotton or linen which were shrunk (tautened) by dope, Ceconite is precisely shrunk by heat, using a calibrated clothing iron. This lets you control the shrinking, giving you unmatched command of the covering process, producing predictably superior results every time. Because calibrated temperatures are important to the shrinking process, however, you shouldn't use a heat gun, which gives you no control.

Ceconite is FAA approved for use on everything from a Mooney Mite to a DC-3, plus every experimental you can name. The Ceconite manual includes a complete list and recommended quantities.

Airplane Type	Fabric	Breaking Strength
Ultralights, Very-Light Aircraft, Gliders, and Aircraft with less than 65 HP	Light Weight Uncertified Width 60" 1.7 Oz per S/Yd	Average 67lbs/in
All Normal Service Aircraft-kit aircraft, Antiques, classics, new production aircraft, and most airplanes using normal airports.	Medium Weight Width 70" 2.6 Oz per S/Yd	Over 116 lbs/in
Aerobatic aircraft, ag-aircraft, Warbirds, and all larger aircraft & aircraft operating off of rough fields	Heavy Weight Width 70" 3.4 Oz per S/Yd	Over 125 lbs/in

(This is only a guide , if unsure contact Aircraft Manufacturer / Designer)



Ceconite New Super Seam is the only PMA'd cement used on the Ceconite STC. Do NOT try to use straight nitrate or butyrate dope to attach your Ceconite fabric.

You can still get that gorgeous finish with **Randolph nitrate/butyrate dopes**.

The estimated amount of Ceconite / Randolph product & coats for a J3 Cub size aircraft

CECONITE FABRIC	YD	45
RAND-O-PROOF (CLASSIC PREP) – 2 COATS	GL	5
NITRATE REDUCER	GL	3
SUPER-SEAM 2	GL	1
CLEAR BUTYRATE DOPE – 6 COATS	GL	10
RAND-O-FILL (SILVER BUTYRATE) 6 COATS	GL	10
TINTED BUTYRATE DOPE – 4 TO 6 COATS	GL	13
BUTYRATE REDUCER	GL	35

Randolph dopes are kind to the environment and have been exhaustively tested both on the ground and in the air. Many years of experience allow us to produce the classic nitrate and butyrate dopes of the past as faithfully as possible in today's environment. Our formulas include the finest ingredients available, with high solids for smooth, rapid build in every coat. We use no inferior substitutes, only top grade raw materials are added for a quality finish. The result is a dope system as you remember it, predictable and consistent. Have a look on the Aviaquip Web Site for a Randolph Stocking List and ask for a quote by Letter , Email or Fax using the listed part numbers. This helps to ensure that you are quoted and thus get exactly what you want.