

B I R D I N C O R P O R A T E D

Memo To: W. Shaw - RC

From: ~~W. Shaw~~ ~~RC~~ ~~BH~~Subject: PRODUCTION CHANGE DATES
AT CHARLESTON & SHREVEPORT

Date: December 13, 1984

This memo is just a follow up of our phone conversation on 12/11/84 in which I gave you a change over date in Charleston and Shreveport in regards to switching from organic to glass and thick butt to flat shingle construction.

These dates are as follows:

1. Charleston - started glass flat shingle manufacture March 1976 - switch from flat glass to thick butt glass January 1979 - switch from thick butt glass to flat glass August 1981.
1980 TB Allow → April 1981
2. Shreveport - started on flat glass September 1981 - switch from thick butt Wind Seal organic to flat Wind Seal organic November 1983.

The above dates represent the time that manufacturing changed over or added the new constructions. Obviously, with thick butt versus flat there was an immediate change as of that date. However, Charleston continued to run organic felt as shingle sale demanded for a period of time after switching to glass in March 1976. You would have to review the sales figures to see how much of a changeover occurred from that date on and what the percent mix was.

JWJ/cm

cc D. R. Suva - BR

*When - drop March 25 ?
drop TB (all above)*