

WHAT IS EUROCALCO PAPER?

Eurocalco is Torraspel's range of carbonless paper.

Before the existence of photocopiers, if a copy of a document was desired it was necessary to use carbon paper, placing it between the original paper and the copy. This was, for instance, the method used for soccer pools: crosses were marked on the original, and the carbon paper then transferred them to the copy, which was kept as a slip.

Today this method is practically obsolete. Copies are generally made now with the aid of a chemical system which while somewhat more complex, is cleaner and more convenient for the user. An example is the system for carbonless papers, commonly used for forms, invoices, bills, and check books.



Eurocalco paper is a coated paper used for obtaining duplicates without the need of carbon paper.

To obtain a copy on carbonless paper, a minimum of two sheets is required - one top sheet (Eurocalco CB) and another bottom sheet (Eurocalco CF) – in which two layers of coating are involved:

- ✦ transmitter layer: located on the back of Eurocalco CB paper and made up of microcapsules that contain a color former which, upon interaction with the reactive layer, reproduces the writing of the first sheet.
- ✦ receptor (reactive) layer: located on the front side of Eurocalco CF paper and made up of components (activated clays) that react with the color formers of the transmitter layer applied on top of it.

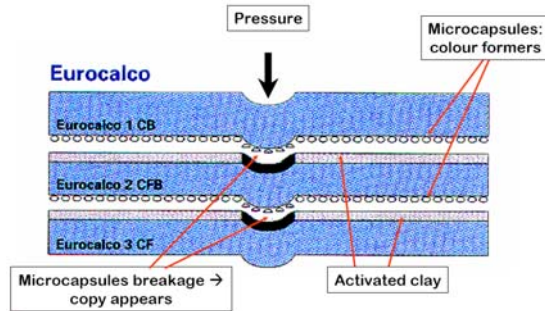
Eurocalco copies are the result of the reaction produced by the two coatings under pressure; the reaction is chemical, and as such carbonless paper is also known as chemical paper.

The color former is referred to as such (and not coloring) because the color in the copy is produced at the very moment that the former reacts with the coating of the reactive sheet.

Technical knowledge

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The following diagram shows the functioning system of Eurocalco papers:



It is very common for the forms to have Eurocalco CFB as an intermediary sheet. The top side of the paper contains an absorptive receptor coating made up of activated kaolin; on the back side is the same coated layer as the Eurocalco CB sheet. The result is that it is capable of receiving and transmitting simultaneously.

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