

**FCM
LED
UV**

**Many abbreviations.
One solution.**

FlintGroup

The safe & sound way of printing on Food Contact Material

Food Contact Material (FCM) printing is serious business. Regardless of if you print on packages for food, drinks or pharmaceuticals, there are many regulations and rules that minimize margin for error.

There must never be the slightest risk of the ink somehow passing through the material.

Don't leave your product's safety to chance. Flint Group empowers you with cutting-edge ink technologies and unwavering support, providing the foundation for prints that not only dazzle but also align with the highest safety standards.

With EkoCure® ANCORA, Flint Group presents an FCM ink that can be UV-cured in two ways – Dual Cure as we say. The traditional way is with a mercury UV-lamp. The new way is with UV LED.

Dual Cure EkoCure® ANCORA makes it possible to change curing method lamp-by-lamp and press-by-press – while having just one ink in stock.

Better Migration properties

The benefits of UV LED curing are well known in the printing industry:

- Up to 80% lower energy costs
- Shorter start times
- Up to 75% less maintenance time
- Much lower temperatures
- Higher productivity, speed increase with 25%

On top of this you get the environmental advantages – no mercury and no ozone.



In FCM printing there is another key feature that makes UV LED curing stand out. Due to the much narrower span in wavelength, the light is more concentrated. This improves the curing and the migration properties. All chemistry is “trapped” with no movement of molecules.

It’s like adding another layer of security to your customers products. And another unique selling point to your offer.

Easy does it

Even if all benefits with UV LED are perfectly clear, there are investments involved for each press that switch curing method. By using Dual Cure EkoCure® ANCORA you can use the same ink in presses with Mercury UV and UV LED. And when you change curing method you can stick with the same ink.

Economic Benefits

- Higher productivity
 - Faster curing
 - Up to 80 % less energy used
 - Low maintenance
 - Dual cure
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Environmental benefits

- No mercury
 - No ozone
 - Less energy
 - Less noise
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Quality benefits

Tested using 95% Ethanol, Tenax and 3% Acetic Acid
Compliant to FDA regulations, Swiss Ordinance.

Better for your economy

Better for the environment

Better for your customers

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