



ZELLER+GMELIN

Commercial & Packaging

International Sales Conference 2024

Philipp Hofmann - R+D

EXPERTLY DONE.

Agenda

1. Packaging

- + Uvalux LED FCM U541
- + Uvalux LED FCM U581
- + Toracur LED W580
- + Cold foil adhesives

2. Commercial

- + Uvalux LED U540
- + Uvalux LED U540 „Heatset“



Packaging

EXPERTLY DONE.



UVALUX® LED FCM U541

EXPERTLY DONE.

UVALUX® LED FCM U541



- + CMYK + OGV + Opaque White + Transparent White available
- + Good printability and good print performance different machines
- + Multiple successful trials at "Ulrich Etiketten" in Vienna
 - + Regular sales at "Ulrich Etiketten"
- + Better performance than Flint, Siegwerk and SUN at Ulrich
- + Complete Z base set will soon be ready for testing!



UVALUX[®] LED FCM U581

EXPERTLY DONE.

UVALUX® LED FCM U581



- + Good results confirmed in multiple trials
- + Improved printability and adhesion
- + Heidelberg Demo Center uses the inks for trials
- + Successful at KBA Print Center in Radebeul
- + First customer in CZ – “Integraf”
- + Regulatory advantages (FCM)
- + Z- Bases available (L3-U581Z...)
- + Opaque White U581-X55400 available



TORACUR LED W580

TORACUR LED W580



- + We are pushing into the Market
- + Our Quality is equal/better to TOKA, Classic Colours and Siegwirk
- + Customers are satisfied by our Z-Base System
- + More later from our Partner Codimag!



Cold Foil Adhesives

EXPERTLY DONE.

EURALUX Cold Foil Adhesives (sheetfed)



- + Raw material change in all conventional cold foil adhesives (see information to all from 05.02.2024)
- + 00832, 00833
- + 00834FCM, 00835FCM, 00836FCM, 00837FCM
- + First tests started with good results - further tests are planned and necessary in March
- + L-OL8CK01FCM01 is for tests available

UVALUX Cold Foil Adhesives (sheedfed)



- + FCM Products – TMPTA / 379 exchange
Affected articles: U0830LM, U0831LM,
- + Alternative lab product: L2-U08513FCM (Dual Cure – LED/UV)
- + Current market situation is that the use of TMPTA in standard adhesives is not a problem



Commercial

EXPERTLY DONE.

A close-up, high-angle photograph of a red LED light fixture, likely a U540 model, set against a dark red background. The fixture is cylindrical with a textured surface and a lens at the end. The lighting is dramatic, highlighting the metallic and plastic components.

UVALUX® LED U540

EXPERTLY DONE.

UVALUX LED U540



- + Improved properties:
 - + Press performance (ink water balance)
 - + Flow (Komori)
 - + Curing
 - + Minimized fountain liner wear
- + Tested at multiple customers
- + Multiple machines



UVALUX[®] LED U540

“Heatset”

UVALUX LED U540 "Heatset"



- + Conventional KBA C16 heatset → retrofitted with LED
- + Test production 24h/ 3 shifts
- + Speed: 35.000 examples/h (360m/min)
- + Higher quality → close to "offset"
- + Less ink consumption
- + Next steps: modification ongoing → eco label ("EU-Ecolabel"/ "Blauer Engel")
- + Improve printability



ZELLER+GMELIN

**Thank you for your
attention!**