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UVAJET Inkjet Inks Portfolio



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Selection of UV and UV LED curing formulations for use in haptical structured varnish printing or applications requiring optimal adhesion onto low surface energy substrates

UVAJET D80i INDUSTRIAL

Especially printing directly onto low surface energy substrates, such as PP, PE is very difficult without a primer. Use pre-treatment for optimal droplet spread. Ideal for use onto rigid or corrugated PP boards at 50m/min.

- + UV and UV LED curing
- + Adhesion onto PP, PE, PET; OPP, PC, PMMA
- + CMYK and White Jettable Primer available
- + Print heads: Ricoh Gen5, SEIKO RC1536, 508GS, Xaar 1000 Series, Dimatix

PRODUCT DESCRIPTION

»Single- and Multi-Pass« industrial printing applications with highest dot sharpness.

»Large Gap Printing« especially using SEIKO RC1536 print heads, large distances of 20mm covered full area coverage and EAN128 barcode printing.

»UV and UV LED« curing with low odour and high reactivity, and no yellowing of the white



Product Application example:
Barcode Printing onto Rigid PP Plastics

UVAJET D3DSV STRUCTURED VARNISH

Specific use of 3D structured Varnishes onto glass bottles, maximizing image value of bottles with personalization embossing. The raised structure create a haptical effect.

- + UV and UV LED curing
- + Adhesion onto PMMA, PVC; OPP, PE
- + High Ink Layer thickness with extreme transparency
- + Print heads: SEIKO RC1536, Xaar 1000 Series

PRODUCT DESCRIPTION

»High Ink Layer Build« by multi-layer printing and curing extreme high ink layers can be built

»Large drop jetting« using the SEIKO RC1536 print heads, variable drops up to 150pL can be generated and printed.

»UV and UV LED« curing with remaining high transparency and no yellowing



Product Application example:
Barcode Printing onto Rigid PP Plastics

ABOUT ZELLER+GMELIN

- + Inkjet Division with >40 years of experience in Inkjet Printing and Ink development and manufacturing
- + **Proven track record of solutions developed for the graphical and industrial print industry**
- + **Specialists in UV; UVLED and water based inkjet ink solutions for industrial applications**
- + High quality standard due to QS acc. to DIN ISO 9001 with mandatory elements of IATF 16949
- + Future oriented climate-neutral production site
- + 16 branches and subsidiaries worldwide