

# FLUORITAL takes screen printing to the next level

For over 60 years as key industry reference of quality paints and inks for glass, plastic and metal as well as pioneer in non-flammable, water-based products of low volatile organic compound content, FLUORITAL has made of its eco-sustainability policy a true pact with the planet – a strength further attested by its environmental certifications.

Inks for glass



## INKS FOR GLASS



**A**t great energy saving, the company's paints and inks can be cross-linked either at low temperatures or with UV lamps: all eco-friendly features combined with great, lab-tested product resistance - both in physical and mechanical terms. Fluorital products are applied within sectors that include perfumery, cosmetics glass and plastics, as well as lighting, tableware and bottle glass. To these we add automotive and household appliances plastics, together with metals, furniture and objects - all reaching as far up as the eyewear and sporting goods industries.

#### RESEARCH AND DEVELOPMENT

For many years now the company's been investing in the research and development of water-based paints for glass decoration, as it continues to do - a bet that's proved winning over time, given that it's afforded Fluorital

a wealth of accrued experience to count it today among the industry's world leaders. Being within the chemical sector, Fluorital is particularly aware of its responsi-

bilities towards the environment, including constant application of its philosophy of eco-sustainability among the company's core values.





#### UV-LED SCREEN PRINTING INK

In line with the needs of its customers and the challenges of the market, Fluorital's success is driven by an ongoing search for new solutions. Here, to meet customer demands, its laboratory has created a new, high-performance UV-LED screen printing ink, namely the U-2439. This ink, for direct printing upon glass

or pre-varnished glass using the company's water-based products, has been designed not only to give Fluorital customers the highest resistance to mechanical and chemical tests in the perfumery, packaging and tableware sectors but also great ease and flexibility of use besides.

Specifically designed for cross-linking with UV-LED lamps, the U-2439 can be cross-linked with traditional UV technology as well - thus facilitating the management of stocks, decoration lines and the transition from one technology to another. Albeit unnecessary, thermal post-curing creates no yellowing or film weakening problems. Today the UV-LED technology that's increasingly become so popular in recent years allows for significantly lower energy consumption during cross-linking - even as the process itself is more respectful now of both the environment and of operators. Indeed, UV-LED lamps are ozone-free and contain neither mercury nor any metal halides dangerous to humans - all the while ensuring a more stable process given the lower maintenance

that's required, coupled with the greater longevity of the lamp itself.

#### ALWAYS PUTTING THE CUSTOMER FIRST

Being BPA-free and compliant with both REACH and EN-71/3 standards, the U-2439 has a very high yield, so allowing for printability of even the finest, screened details with a perfect film flow. Available in a wide range of opaque and transparent base colours, it comes in a metallic or pearly finish - all to best meet the needs of Fluorital customers. ■



**FLUORITAL**

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