

When we speak about decoration on glass containers and bottles, we must also consider the environmental issues involved – towards the planet and – of course – towards human health. Fluorital does just that, improving its environmental protection and emissions reduction policy, and creating par excellence products, with the health of its operators in mind.

Fluorital

TOP SERVICES AND RESULTS; RESPECTING THE ENVIRONMENT

Fluorital is a dynamic family-owned and run company specialized in the sector for the decoration of glass at low temperatures.

Headquarters and research division of the company are in Treviso, north-east Italy, where it occupies more than 7,000 square metres.

Alongside the Italian location, Fluorital has also set up a global network of partners so as to offer the best possible service to its clients – thus demonstrating its consolidated international philosophy.

At present, Fluorital has a number of branches throughout Europe and globally:

- Fluorital France, in Rivery-Les-Amiens, was founded in 2001 to provide excellent customer service to clients in Belgium, France, Spain and Portugal.
- Fluorital Polska, which was transferred to its new location in Czestochowa in 2007 to respond to the demands of the Eastern European market.
- Fluorital Boya was founded in 2011 in Elskishir, for the Turkish and Middle East markets with a glass production unit.
- Fluorital Usa was set up in Clifton (NJ) and, in 2012, opened a well-stocked product warehouse in Allentown (PA).

Alongside these branches, Fluorital also has an extensive network of dealers and agents.

COMPANY HISTORY AND PRODUCTION

Fluorital was founded in 1956 and, after a number of company changes, was taken over by the present ownership in the 1980s.

At the beginning, the company was specialized in the production of special screen printing inks for the appliance and automotive industries.



The new company structure pushed the company to look for new markets and products, leading Fluorital to become specialized in the production of spray paints and screen printing inks, first of all for the lighting and furniture industries, followed – after a few of years – by the tableware and perfume sectors.

Fluorital's considerable experience in screen printing inks immediately enabled the company to study glass with attention, creating completely new and specific spray paints, never used before in other sectors and, above all, compatible with the following printing processing using screen printing inks.

At the beginning of the 1990s, Fluorital first began experimenting with water-based colours for applications on glass, while the market was still strongly focused on solvent-based products.

At the same time, the company also launched its first UV ink.

And, at the end of the 1990s, thanks to the global focus on the environment and stricter emission laws, the use of water-based inks was encouraged all over the world.

Nowadays, the ratio of water-based and solvent-based inks in most countries in 90 to 10 and



GLASS DECORATION

Fluorital, which was the first company to invest in water-based products, is now able to offer a wide range of spray- and roller paints, as well as screen printing inks for the diverse needs of the different sectors in terms of application and resistance to testing.

ENVIRONMENTAL ISSUES

Fluorital is well aware of its responsibilities towards the environment and, therefore, always takes into consideration its commitments towards environmental protection.

But how can these commitments be demonstrated? For Fluorital it has become a real challenge and constant effort towards environmentally conscious clients, who also know that environmental sustainability is a fundamental part of company philosophy.

Fluorital is UNI ISO 14001 certified, with a more strategic approach with regards to environmental management, with the aim of improving its environmental protection and emissions reduction policy, minimizing or eliminating the environmental impact of its products and systems.

The company's Environmental Policy is the entire group's commitment to:

- continuously improve its environmental performance;
- efficiently manage environmental aspects;
- reduce consumption of natural resources;
- prevent or reduce potential environmental impact and pollution;
- constantly pursue legislative compliance;
- commitment to continuously improve its own environmental performance, especially those with higher impact;
- total respect towards the ecosystem, continuing to encourage protection and conservation.

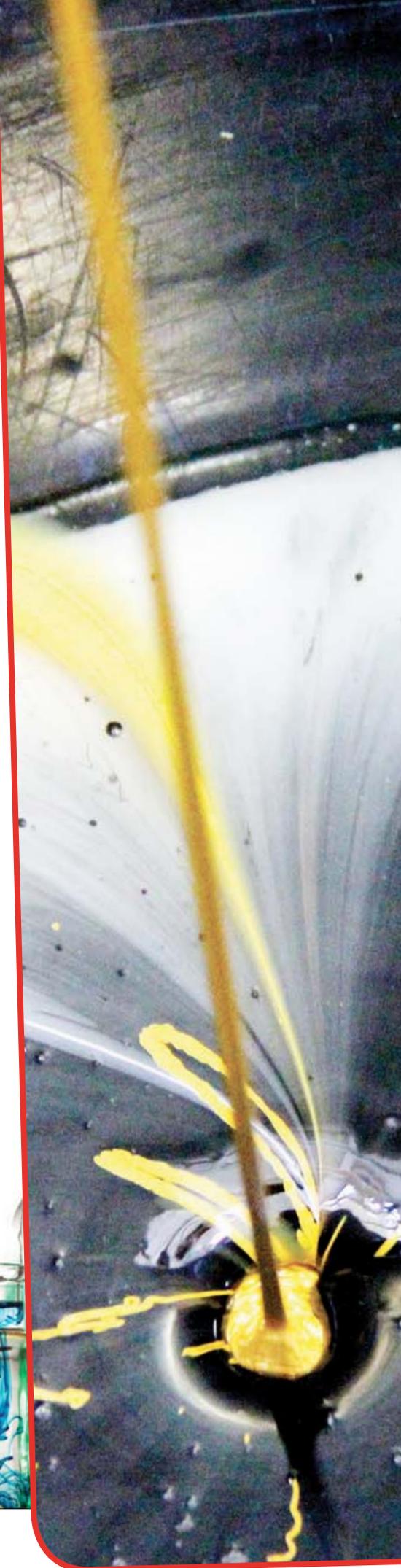
COMPANY MISSION: RESEARCH AND DEVELOPMENT – AND QUALITY

Collaboration with clients

Fluorital's mission is that of offering its clients products of the highest quality, as well as, of course, a service 'made to measure' for each and every client's needs.

The secret of this success, in fact, can be seen in the research the company carries out, along with its collaboration with clients that enables it to optimize its products as per the needs that arise from this collaboration.

Being a manufacturer of both





other than the technical and functional aspects of its products, also focuses on environmental issues and the health of the operators who will be using these products.

Important investments in research, together with commitments in the creation of ever more par excellence products, and constant work on reaching new aesthetic and environmental goals, maintaining the highest quality, technical and aesthetic features of its products used for decoration as key.

Customization of products

Part of Fluorital's mission is therefore to invest considerably in research, so as to maintain and increase its success by means of a product range that is ever more consistent with the needs and demands of its clients.

For this reason, besides the products listed in its catalogue, the company is also available to create personalized research and products.

spray paints and screen printing inks provides the company with an integrated view of the problems connected to combined decoration, with sure advantages for clients that therefore have a sole contact for their production needs.

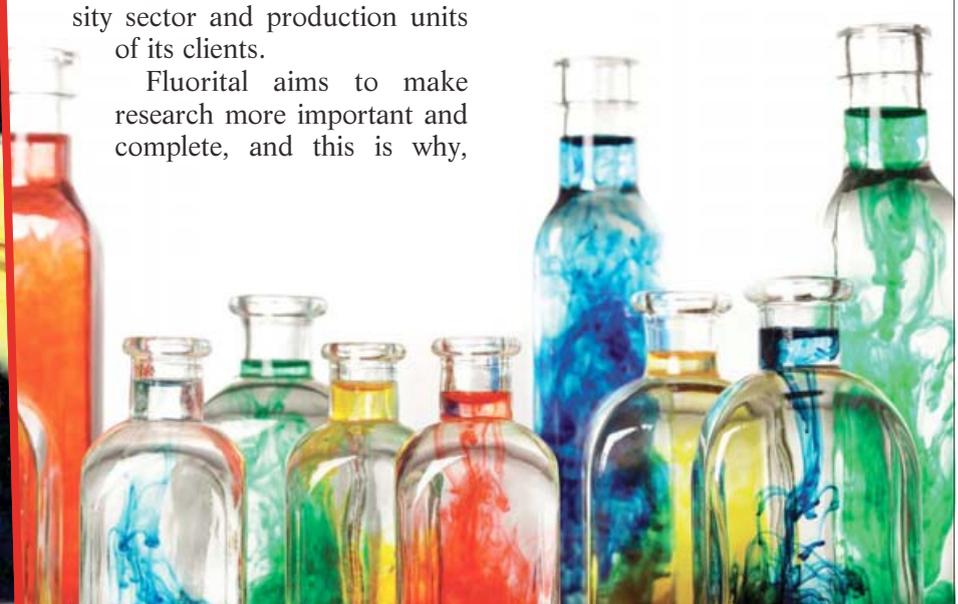
Research and Development

Fluorital believes strongly in research and that it is essential for any company. The company's new laboratory uses the most avant-garde equipment and skilled and motivated technicians, in close contact with the university sector and production units of its clients.

Fluorital aims to make research more important and complete, and this is why,

Originality and design

Being involved in colours not only from a technical point of view but also with regards to creativity, research is aimed at designers and creatives, with new ideas that enable to combine both aesthetic and productive needs.





Quality

For Fluorital, Total Quality means working 360° with regards to each and every aspect. Fluorital's continuous commitment not only on product research and quality, but above all promising to satisfy the needs of its clients by respecting all steps of company processes (starting right from design to technical and post-sales assistance).

By means of its UNI EN ISO 9001 Quality Assurance policy, Fluorital strives to:

- develop skills;
- provide adequate means to achieve and maintain the targets set;
- improve delivery times and reliability; guarantee of product quality);
- reduce response and solution times;
- guarantee process and control standards as per UNI-EN-ISO-9001;
- continuous improvement by means of personnel involvement.

PRODUCT NEWS

Fluorital's most recent developments include the expansion of its mirror product range.

W-7788 and M-2503

W-7788 spray paint and M-2503 screen printing ink can be used in the perfume, packaging, flat glass and lighting sectors, resulting in a metallic and highly reflective effect. Their use on transparent glass will reduce the mirror effect.

Dream Metal

Dream Metal is Fluorital's new spray process that can be used on any type of glass and in any type of standard production plant, resulting in a mirror effect by just spraying metallic paint. Dream Metal was created as an alternative to vacuum metallization and aims at creating metallization similar to high-resistance chrome plating on any shape of glass containers, that are to be used in different sectors such as bottles, perfume, packaging, tableware, etc.

The flexibility of this pro-

cess enables to achieve perfectly opaque or almost entirely transparent metallization, as well as partially shaded or coloured metallization. The entire process can be carried out in-line with a suitable plant, or in two phases using a traditional plant. Dream Metal paints have passed the tests relative to water-, steam-, pasteurization-, alcohol, G1 and solvent mix resistance, with regards to the international cosmetic industry. Other tests that Dream Metal paints have also passed with flying colours are those for resistance to dishwashers, steam and pasteurization, as well as scratching. ■



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