

# SAVERGLASS: Innovation, expertise, know-how and quality

Saverglass, a specialist in manufacturing, customizing and decorating high-end glass bottles for the premium and super-premium spirits, fine wine and champagne, perfume, cosmetics and food markets. Recognized for its mastery of know-how, its glass-making expertise and the quality of its products and designs, Saverglass has made a name for itself throughout the world through its capacity for innovation, becoming a true corporate culture.

## CREATOR OF VALUE

Saverglass offers modern, versatile and original designs, which help make the company's identity and reputation what they are. Saverglass, strives to forge new creative paths and seek out added value, maximizing the company's blend of glassmaking and decoration expertise, the variety and breadth of its ranges, the wide choice of innovative solutions, and its role as a consultant and guide throughout the project development phase, to demonstrate its originality and stand out as a value creator.

## FROM MANUFACTURING TO CUSTOMIZED AND DECORATED GLASS

The Feuquières glassworks, the Group's current headquarters, were founded in 1897. The site is in the Bresle Valley, which has been a stronghold of French glassmaking since the 15th century. From 1969 to 1976, the Feuquières plant belonged to the Société Autonome de Verreries, part of the Saint-Gobain Group. When Loïc Quentin de Gromard became President of the Company in 1985, he chose to focus on hyper-specialization thereby giving the company a viable foothold in a market dominated by large-scale groups. Saverglass went on to seize a strategic position in the niche market of the luxury bottle sector. Flexible, small production runs meant that Saverglass could offer products that did not exist in the eighties. Since then, the company has based its development on aspiring to make exceptional products, especially in the spirits industry. The decoration business, launched in 1991 on the Feuquières site, complements the high-end service and provides new solutions for demand that is growing in terms of sophistication and customization. This gives the company a special posi-

tion in the glass landscape, with expertise ranging from manufacturing to customized and decorated glass. The company uses its production tools and expertise to manage significant volumes of orders whilst meeting the specific needs of its customers for special and short runs. This technological expertise, the quality of its services and its capacity for creation, place Saverglass in a unique position on the market. Saverglass masters both the glass and glass bottle decoration trades and accompanies its clients in their project from the idea to the actual production of the bottle.

#### **A PASSION FOR INNOVATION**

Saverglass, a pioneering spirit for innovation projects and creation, has the core business of its employees divided between R&D, design, glass and decoration development, computer graphics and marketing, with nearly 200 people working permanently on innovation-related projects. This culture permeates the entire Group and enables it to propose creative designs that accompany and anticipate major trends (more than 400 new designs and decorations are created each year), and constantly improve its industrial facilities to offer more technological solutions and greater performance, placing its full capacity for innovation at the service of environmental commitment.

#### **LUXURY BOTTLES**

For Saverglass, a bottle is much more than just glass: it is

above all a beautiful object, that personifies the customer's excellence and difference. To make it reflect the customer's image, Saverglass gives it shape (more than 250 ranges are available or by creating a specific model) and colour, engrave it (glass engraving) and master all the finishing techniques to give it its





unique appearance. Ink-screen printing, coating, acid-etching, sandblasting, 3D decoration, hot stamping, setting accessories... Saverglass multiplies the possibilities of freeing up imagination and creativity.

#### ORGANIC DECORATION, NEW TACTILE AND VISUAL EFFECTS, PERSONALIZED PRODUCTS

Saverlass offers partners a stronger differentiation, more striking impact, and maximum quality for creating a new type of bottle or decanter. Developing a specific bottle means choos-

ing to create an original bespoke bottle and gives the opportunity to work on the smallest details. The Saverglass group works with its customers to design shapes, choose tints, personalize products (ring finishes, punt shapes, etchings, etc.) and add decoration or accessories. Saverglass endeavours to use the most appropriate technical solution and design and to ensure the feasibility of each project, whilst respecting the original spirit of the product.

#### DECORATION

Saverlass makes its knowledge and expertise in luxury dec-

oration available to reliably reproduce simple or complex graphics. It also creates new combinations: mirror effects, organic multi-colour screen printing combined with hot stamping, total, partial or shaded SAVERCOAT® effects, glossy, matte, opaque or translucent effects, night effects.

#### Enamel and precious metal screen-printing

Screen-printing is a process that utilises a succession of screens to apply colours one by one. The desired artwork is reproduced precisely on the rotating bottle. It provides a definitive fixation of the enamels. Available in a wide range of colours, it is highly scuff resistant, has a variety of possible effects (gloss, matte), and is compatible with other decoration processes (frosting, coating, hot stamping etc.). The process also allows the use of precious metals creating high brilliance of gold and platinum decorations and high quality of the renderings.

#### Embossing

Embossing decoration sets a new stage in personalization, value-creation and differentiation of a bottle. It requires perfect mastery of registration of printed decors vis-à-vis the embossed area. The Key advantages include the perception of high quality, the sophisticated level of finishing and the increased visibility on the market.

#### Hot stamping

Compatible with organic coatings, hot stamping produces a luxurious appearance and brings a strong value to the bottle. It is available in gold, platinum or metallic colours. Effects such as glossy, satin, matte, soft touch or night effects can also be produced. It is fully compatible with organic coatings and can be produced in relief.



## COATINGS

### Savercoat

Savercoat is a proprietary process for high-performance organic coating offers a variety of colours and surface effects (glossy, matte, satin or opaque), making it possible to decorate even the most complex shaped bottle and be applied to the entire surface of the bottle or partially, in one or multiple colours. It can be applied to complex shapes in a wide variety of appearances (glossy, matte and satin, translucent or opaque, and in a selection of colours or effects (partial, gradient, two-tone). It does not contain heavy metal.

### Saverbox®

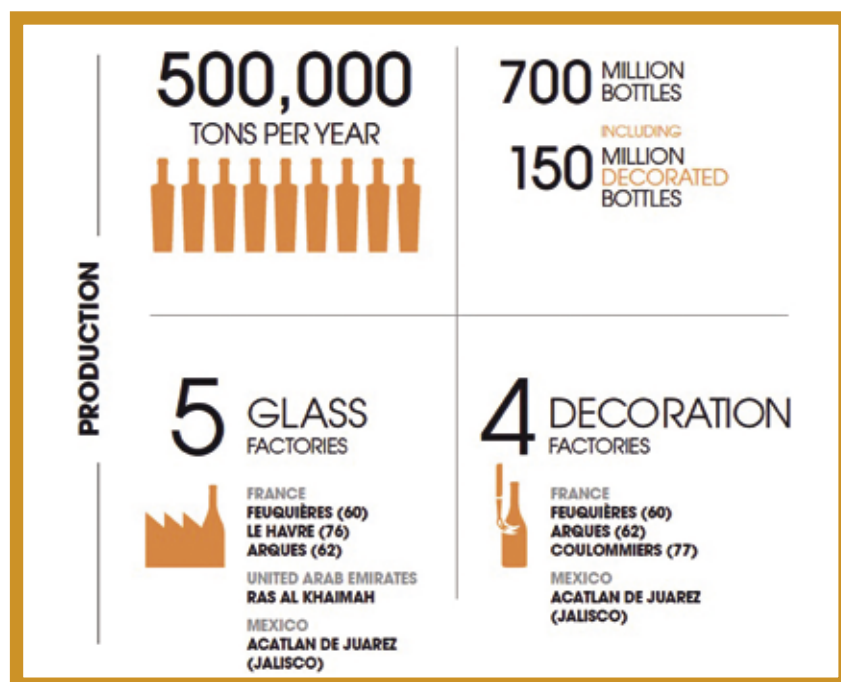
Saverbox® is a process which consists in applying a coloured coating on the base of the bottle inside the base stippling. The colour creates an aesthetic concentric point that is reflected in all the facets of the bottle. Custom tooling needs to be developed for each project but it allows for decoration of an area that is usually hard to reach, concentric point of the colour and the reflection of the chosen colour in the bottle.

### Acid-etching

Acid-etching complements multi-colour screen printing. The acid-etching process produces a frosted effect, changing the feel of the bottle while offering a perfectly uniform appearance (silky or “peach-skin” feel) and long-time stability. The acid-etching can be full or partial (with windows of varying sizes). It can be applied on any glass colour (classic or select colours®, Black glass Onyx or Empire green). Moreover, it allows for multi-colour screen-printing and the creation of ‘windows’.

### Sand-blasting

Sand-blasting produces an indentation or a motif in relief with a frosted appearance of



varying roughness. The indentation can be deeper or shallower, which will allow the motif to stand out on the bottle surface. It has a strong frosted appearance, a rough feel and is long lasting.

### 3D DECORATION, PUSHING THE BOUNDARIES OF RAISED DESIGN: ART & TOUCH®

Saverglass masters both the glass and glass bottle decora-

tion trades and accompanies its clients in their project from the idea to the actual production of the bottle. Innovative decoration process alters the vision of 3D decoration, opens the field of possibilities and starts a new era for the engraving of three-dimensional motifs on glass. This new way of sculpting bottles combines a variety of eye-catching textures and raised motifs.



## COMPANY PROFILE

### TWO NEW WAYS TO HIGHLIGHT BOTTLES

#### Auréalis

This iridescent effect, is a decoration process applied on the entire bottle surface which features shiny “rainbow” or “oil” effects, depending on the intensity. Its advantages are random application and mirror effects.

#### Polaris

Following on from Auréalis, Saverglass created a way to multiply the iridescent effects with the key advantages being the multiplication of the sparkle on the bottle's surface and the intensification of the shine depending on the colour of the liquid in the bottle. While less visible, the metallic effects are subtle.

#### Watermark

Watermarking is a decoration process used to bring out a logo, a motif, a signature or a serial number. Much more precise than decoration using a finishing mould, the engraving produces a high quality result and offers the advantage of being highly customizable (by the unit) while being durable (long-lasting).

#### Metallization

This process is used to subli-

mate a bottle by giving it a metalized aspect and a mirror effect (gold, silver, platinum, copper...). It is produced by applying thin layers of metal until the full or partial surface of the bottle is covered, which allows for opacity or transparency effects. The result can be glossy or matte and in any colour selected.

#### Decals

Decals (aka ‘chromos’) are images usually composed of multiple colours in enamel, precious metals or ink. Their application is carried out either manually or semi-automatically (heat transfer), allowing to decorate areas that cannot be screen-printed and where highly precise registration is required. Saverglass offers a wide range of colours and this technique can be done with organic inks.

### PIONEER FOR ORGANIC DECORATION

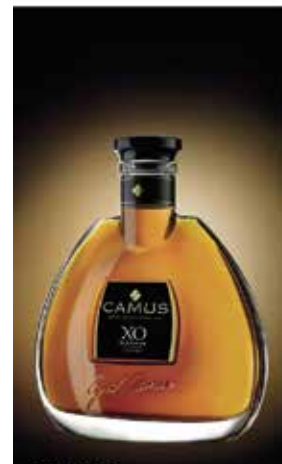
Saverglass has been using organic inks and glazes since 2005, with the Organic Colour Play® brand. The Group continues to strive for innovation, developing new materials and processes to increase productivity, quality, differentiation and environmental excellence.



GLENMORANGIE 25 & 18 YEARS WHISKY



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#### Organic screen-printing

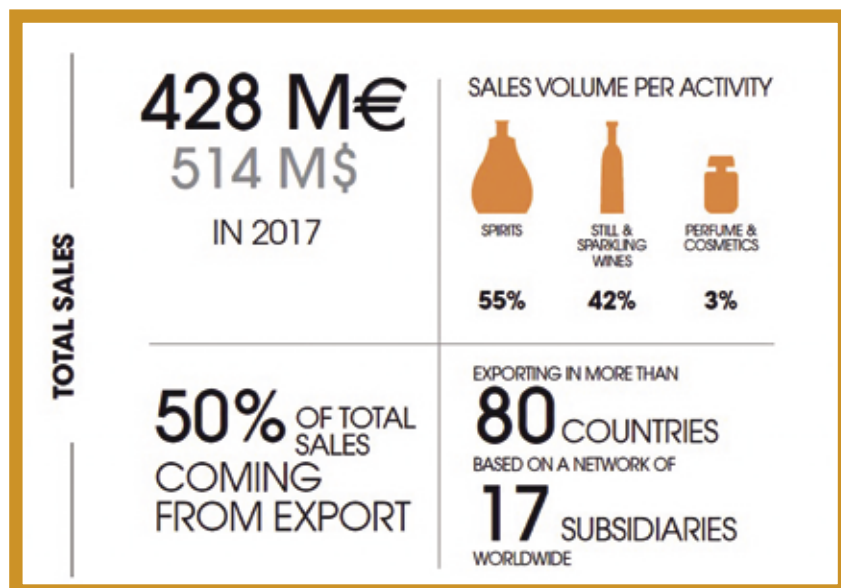
This decoration process uses screens and organic inks to achieve realistic, natural-looking graphics of varying complexity in precise detail, using an almost infinite palette of vivid natural colours. One of its main advantages is that it's environmentally friendly and fully recyclable.

#### ACCESSORY APPLICATION

The last stage of decoration of a bottle or a decanter, the application of an accessory can help reach the highest level of personalization and sophistication. It can be a wax seal, a metallic medallion, a crafted glass accessory or a leather piece, a synthetic or a natural jewel. This operation is carried out either automatically or semi-automatically.

#### THE COLOURS OF GLASS

To meet the high-end and luxury markets, Saverglass offers a selection of 15 colours. ‘Classic colours’ are offered year round in scheduled production cam-





paigns, but Saverglass also offers multiple 'new' or personalized colours.

#### Classic colours

Saverglass offers its clients five glass colours year-round: Extra-White Flint, Antique colour, Champagne Green, Dark and Light Amber. These colours are timeless and offer UV filtration characteristics often sought after for many types of wines and spirits. For all colours offered, Saverglass produces 'glass skin', for lustre and brilliance.

#### New colours

The eight original Select Colors® broaden the field of possibilities in design and provide brands with the assurance of a strong identity to visually stand out in the retail environment. There are four colours for the Spirits market: Blue Ice, Grey Smoke, Blue Moon, Yellow Green and four colours for the still and sparkling Wine markets: Honey, Water Green, Moka, Jade Green.

#### Onyx, unique and sophisticated black glass

Available year-round, Onyx is produced with Saverglass' 'glass

skin'. Its opacity also provides excellent UV filtration to preserve premium spirits.

#### Empire Green

Elegant and stylish, this deep and intense green colour, also providing an excellent UV filtration for still and sparkling wines.

#### QUALITY: THE BACKBONE OF THE COMPANY

Saverglass combines pursuit of excellence with the demand to constantly improve performance on a daily basis. Early on, the Group achieved the ISO 9001 standard, becoming the first glass group to be awarded this standard. The ISO 9001 standard covers the ability to design, produce, inspect and deliver products following a constant process to ensure continuous quality.

The products manufactured by Saverglass are for the food industry and are designed according to the HACCP (Hazard Analysis Critical Control Point) system. All of the company's production sites are also certified ISO 14001 (environmental management) and ISO 22000 (food safety) standards.

Last but not least, Saverglass rounds off its quality approach with the 22301 certification for 'Business Continuity Management'. The company was the first glass and decoration company in the world to receive this certification in 2014. ■



**SAVERGLASS**  
ESPRIT DESIGN

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