

Best in Glass

All about our manufacturing & quality process



- Discover Sekurit's automotive glazing process
- Original quality makes all the difference
- Quality control every step of the way

**YOUR
BUSINESS
MATTERS**

[sekurit-service.com](https://www.sekurit-service.com)

A Saint-Gobain brand

THE EXPERTS BEHIND THE GLASS

Have we met before? Probably; one out of every two European cars is originally equipped with glazing from Saint-Gobain Sekurit. With over 90 years of experience in the automotive glazing market, Sekurit has been instrumental in shaping the evolution of vehicle-specific glass. From the invention of tempered monolithic glass back in 1929 to state-of-the-art innovations like Reflective Design and augmented reality Head-Up Displays.

At Sekurit Service, you profit from the unparalleled wealth of experience and expertise only Saint-Gobain Sekurit provides. For us, the automotive glazing aftermarket starts at the very beginning: in our factories.

OEM: AS GOOD AS IT GETS

Original quality makes all the difference, especially in the automotive glazing aftermarket. All replacement glazing produced by Sekurit Service is manufactured according to the exact same specifications and production standards as the original equipment used in the assembly of the vehicles. This means a perfect fit every time.

CHECK PLEASE

Quality control is integral to Saint-Gobain Sekurit's production process. When your customers demand the very best, you need to make sure that you consistently give them the very best. That's why every piece of Sekurit glass is thoroughly scrutinized throughout the production process and beyond. This way you can be sure that the glass is 100% up to the exacting standards of the original manufacturer.

WHAT GLASS GOES WHERE?

Car windows are usually made from laminated glass for windshields and tempered glass for sidelites and backlites. Laminated glazing can also be used for sidelites and backlites, mainly to improve safety and security.



FOCUS ON LAMINATED GLAZING

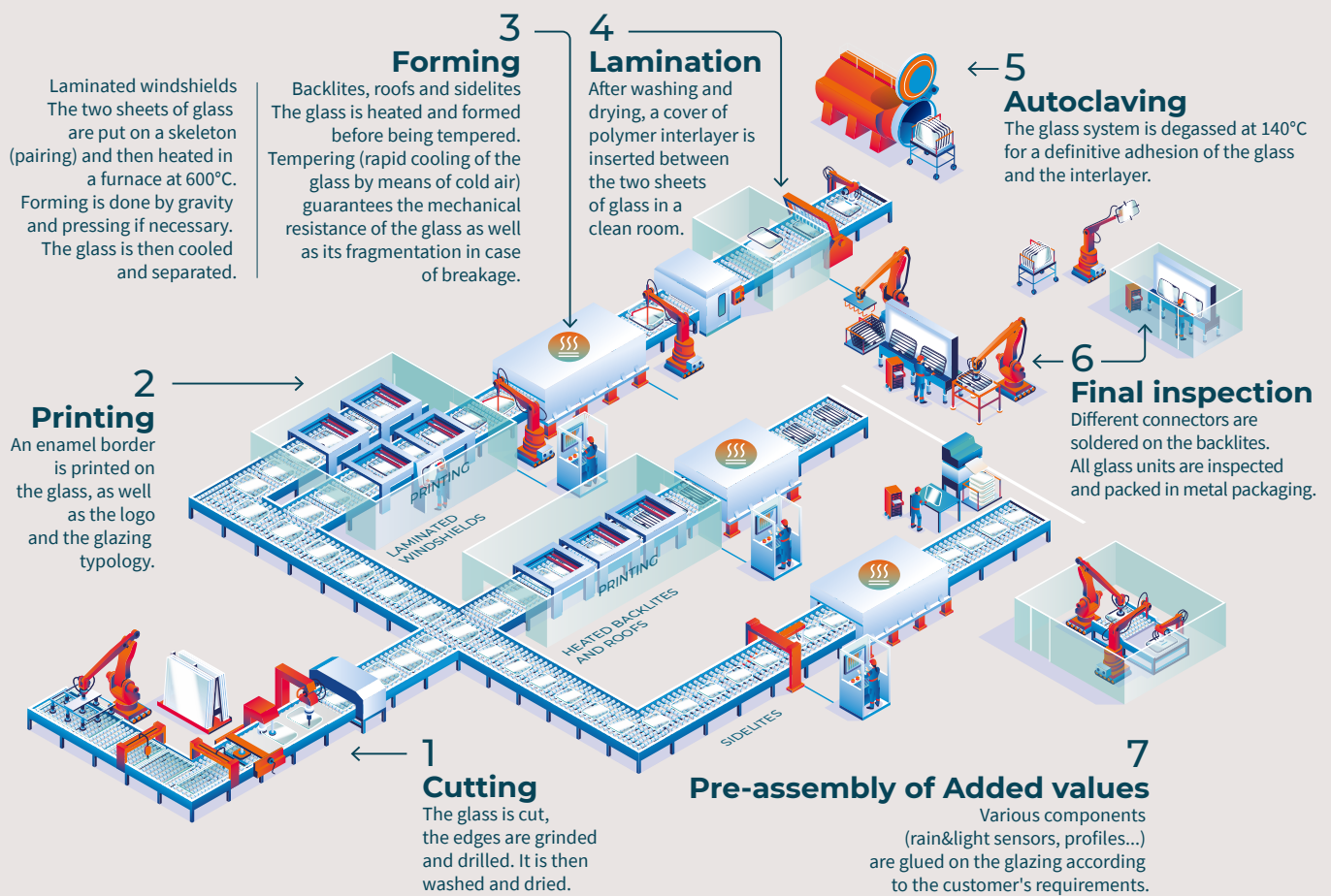
When French chemist Edouard Benedictus invented laminated glass in 1909 by dropping a glass flask filled with chemicals on the floor, he probably had no idea his discovery would change the car industry forever. Laminated glass is made up of two sheets of glass with a Polyvinyl Butyral (PVB) interlayer that bonds the sheets together.

The raw glass is available in different colours, just like tempered glazing: green, bronze and clear. In addition, laminated glazing is available in several thickness-combinations. Currently, the most common combinations are 2.1 – 0.76 – 2.1 (4.96mm in total) and 2.1 – 0.76 – 1.6 (4.46mm in total).

Increasingly thinner glazings are arriving on the market with a combination of 1.8 – 0.76 – 1.4 (3.96mm in total).

FOCUS ON TEMPERED GLAZING

Invented by Sekurit in 1929, the tempering process involves strengthening a sheet of glass through extremely rapid air cooling on one side (from 600°C to 300°C in just a few seconds). The toughness of the tempered glass doesn't allow for any further modifications, so all operations to the glass, like the drilling of holes, must be done before the tempering process. Tempered glass is also a safety glass. On impact, it shatters into a multitude of tiny, relatively harmless fragments, which significantly reduces the chance of serious injury.



**MANUFACTURING AUTOMOTIVE GLAZING
REQUIRES EXPERIENCE AND EXCELLENCE.
WE HAVE 90 YEARS OF IT!**



MANUFACTURED ACCORDING TO YOUR STANDARDS

Born from Saint-Gobain's unequalled heritage in the world of glass production, Sekurit Service redefines the art of automotive glass fitting. How? By never compromising on quality, implementing checking at every stage, and always being at the forefront of technological innovation. We provide a level of safety, reliability and quality that you won't find anywhere else. When we say Best in Glass, we really mean it.

DON'T SETTLE FOR LESS

Inferior glazing quality can result in a difficult and time-consuming fitting job. Not to mention the problems customers can experience when inferior glazing is installed. Some examples:

- **Reduced operation** of the ADAS that can cause calibration failure or disturb the behaviour of the car whilst driving
- **Diminished working** of the wipers because of wrong glass curvature
- **Eye-strain**, fatigue and headaches because of view-distortion in the glass
- **Safety issues** due to diminished visibility because of distortion in the glass
- **Identification problems** because of VIN notch at wrong location or alternative size
- **Whistling noise** while driving due to wrong fitting height or wrong thickness of the glass
- **Water issues** because of inferior hardware or missing rain channel in the trim



CONTACT US

www.sekurit-service.com

E-mail : sales@sekurit-service.com

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