## **AUTOMOTIVE GLASS MANUFACTURING DID YOU KNOW?** The water is **filtered and reused** in order to **AT SAINT-GOBAIN SEKURIT** reduce consumption as much as possible. The glass scraps generated are partly recycled in the production of flat glass. Lamination **Laminated windshields** Backlites, roofs and sidelites After washing and The glass is heated and formed The two sheets of glass are put drving, a cover of on a skeleton (pairing) and then before being tempered. polymer interlaver is inserted between the heated in a furnace at 600°C. **Tempering** (rapid cooling of the Forming is done by gravity and glass by means of cold air) two sheets of glass **Autoclaving** pressing if necessary. The glass is guarantees the mechanical in a clean The glass system then cooled and separated. resistance of the glass as well room. is degassed at 140°C as its fragmentation in case for a definitive adhesion of breakage. of the glass and the interlayer. **Printing** An enamel border is printed on the glass. as well as the logo **Final inspection** and the glazing typology. Different connectors are soldered on the backlites. All glass units are inspected and packed in metal packaging. **Cutting** The glass is cut, the edges are grinded and drilled. It is then washed and dried. **Pre-assembly of** added values

Various components

**SAINT-GOBAIN** 

(rain&light sensors, profiles...) are **glued on the glazing** according

to the customer's requirements.