

The history of glass

The glass is originally obtained by solidification of acidic rocks ejected from volcanoes. Around 3,700 BC, the ancient Egyptians had made glass ornaments and simple glassware. At that time, only colored glass was produced. About 1000 BC, China made colorless glass. In the 12th century AD, commercial glass appeared and began to become an industrial material. In the 18th century, optical glass was produced to meet the needs of developing telescopes. In 1873, Belgium first produced flat glass. In 1906, the United States produced a flat glass lead machine. Thereafter, with the industrialization and scale of glass production, glass of various uses and various properties has been successively introduced. Modern, glass has become an important material in daily life, production and science and technology.

More than 3,000 years ago, a European Phoenician merchant ship was loaded with crystal mineral "natural soda" and sailed on the Beruth River on the Mediterranean coast. The merchant ship was stranded due to the tide of the sea. The crew then boarded the beach. Some crew members also carried a large pot, moved firewood, and used several "natural soda" as a scoop for the cauldron to cook on the beach. After the crew had finished eating, the tide began to rise. When they were preparing to pack up and continue sailing, suddenly someone shouted: "Let's see, there are some bright, glittering things on the sand below the pot!" The crew brought these flashing things to study it on the boat. They found that these sparkling things have some quartz sand and melted natural soda. It turns out that these glittering things are the natural soda that they used to make the pots when cooking, and the crystals produced by the chemical reaction with the quartz sand on the beach under the action of flames. This is the earliest glass. Later, the Phoenicians combined the quartz sand with the natural soda and then melted it with a special stove to make a glass ball, which made the Phoenicians make a fortune.



Around the 4th century, the Romans began applying glass to doors and windows. By 1291, Italy's glass manufacturing technology was very developed. "Our glass manufacturing technology must not be leaked out,



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Your turnkey China tempered glass/laminated glass/insulated glass supplier and all the craftsmen who manufacture glass are concentrated together to produce glass!" In this way, Italian glass craftsmen were sent to an isolated island to produce glass, they lived in a lifetime. It is not allowed to leave this island. In 1688, a man named Naf invented the process of making large pieces of glass. Since then, glass has become an ordinary item.



The glass we use today is made of quartz sand, soda ash, feldspar and limestone at high temperatures. A non-crystalline solid material obtained by gradually increasing the viscosity of the melt during cooling. Slightly brittle and transparent. There are quartz glass, silicate glass, soda lime glass, fluoride glass and the like. Usually referred to as silicate glass, quartz sand, soda ash, feldspar and limestone as raw materials, after mixing, high temperature melting, homogenization, processing and forming, and then obtained by annealing. Widely used in construction, daily use, medical, chemical, electronic, instrumentation, nuclear engineering and other fields.





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Tags: flat glass, fluoride glass, glass ball, Glass history, glass manufacturing, glass ornaments, glassware, optical glass, quartz glass, silicate glass, soda-lime glass

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Morn Building Materials Co.,Ltd is trading company offering the right facade materials for a wide range of applications for architectural,design and system requirements.Cooperating with China premium glass fabricators,Morn is able to supply whatever glass products applied in facade,Spandrel ,roof ,handrail,partition,balustrade,canopy,greenhouse,sun room ,interior exterior application.

Other facade materials:Aluminium alloy profiles,aluminium plates,aluminium windows&doors,Assa Abloy hardware,spider fitting,railing systems,shower rooms,polyurethane panels,machines&tools,steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.

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