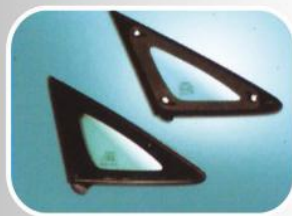




AGC Group



**First Class Quality,
Reliable Protection and Safety**



Company

Introduction

PT. Asahimas Flat Glass Tbk prides itself as the pioneer glass manufacturer in Indonesia. We have established in 1973 as one group of AGC (Asahi) Global Network. We are the biggest supplier in Indonesia's OEM car manufacturer named Toyota, Honda, Daihatsu, Nissan, Suzuki, Isuzu, Misubishi, General Motor, etc. We are proud that we have received many awards from our customers for our product and service. In overseas business, we have done exporting our product to several countries: Japan, USA, Europe, China, Thailand, Malaysia, Philippines and India.

Vission and Mission

Vission: To build the world a better place for living

Mission: To be a respectable manufacturer and global supplier of glass and related products.

Global Group



* Canada

* United States

* Mexico

* England

* Belgium

* Italy

* India

* China

* Thailand

* Japan

* Korea

* Philippines

Product

Laminated

- * Glass which consists of three layers (glass + film PVB + glass).
- * The strength of laminated glass which lies on the film named PVB (Polyvinyl butyral film).
- * The film is very strong and tough.

Tempered, Temperlite and Zonelite

- * Glass is hardened by heating process until about 650°C and cooling suddenly. If it is broken the glass will become small fragmentation glass. It is used on glass doors, side glass and rear glass.
- * Zonelite is tempered glass which has special zone at middle area of glass. If broken this area will have bigger fragmentation glass for driver to see through the glass. It is used

Logo



Logo



Standard Quality

JIS	(Japan Industrial Standard)
AS	(American Standard)
ECE E6 43R	(European Standard)
SNI	(Standard National Indonesia)
PNS	(Philippines National Standard)
CCC	(China Compulsory Product Certification)

Standard Quality Management

ISO 14001	(Japan Industrial Standard)
ISO T/S 16949	(American Standard)
ISO 17025	(European Standard)
OHSAS 18001	(Standard National Indonesia)

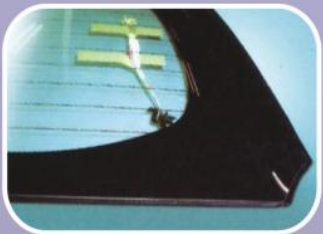
Product Feature



MSW (Melting Snow Windshield)
On the inside surface of the windshield lamisafe, between the glass PVB, conductor heating will be printed at the top and bottom glass.



MAW (Module Assembly Window)
Implemented on a small glass after glass front door. Glass will be directly attached to themolding in a way molding material injected directly into the glass. With this design will enhance the cars appearance and guarantee will not leak into the car.



Deffogger
Implemented on the rear glass with printing of conductors heating the glass surface. Used to remove moisture on the glass surface due to the temperature outside is cooler than the cars in the car.



Antenna

On the glass surface to be printed conductors using silver paste with a special pattern. This will serve as conductor antenna to receive radio signals to the audio player in the Car so you no longer need regular antenna and will add value aesthetic beauty of the car. These antennas can be implemented on glass rear and side window glass.



DBO (Deep Bending Option)

A mold/mold for producing tempered glass design with very deep grooves.

Customer

OEM Customer


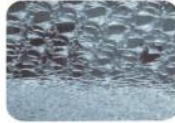



Export Market



Car Safety Glass Characteristic

OEM Customer

No	Item	Full Tempered Glass	Zone Tempered Glass	Laminated Glass
		Crystall Glass	Crystal Glass/Rainbow	Glass consist of 2 layers
1	Shatter	Entire glass become shattered into small crystal pieces.	Entire glass become shattered into small crystal pieces. On the center surface area, the shatter will become bigger.	Breakages only on the impact area and the shatter will stick into PVB film.
				
2	Strength	3x ordinary glass' strength.	3x ordinary glass' strength.	Same as ordinary glass.
3	Clarity (distortion)	There is distortion due to production process.	There is distortion due to production process, appears as rainbow color when seen through the side.	Same as ordinary glass.
4	UV Light	Not block.	Not block.	PVB film can block up to 96%.



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