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国家	中国（中华人民共和国）

产品/机械

Explosion-Proof Glass

Keywords: explosion proof glass,safety glass
Characteristics: Explosion-proof glass a specific block on the ability of special laminated glass, in accordance with the GB into L/M/H three types.
Product performance characteristics:

1. with the super toughness, impact resistance, super-pressure-resistant, highly bullet-proof, anti-explosive results
2. can effectively prevent, stop, slow down theft, robbery, unlawful invasion and other criminal acts.
3. product transparency, and good optical properties.

Bullet-proof glass structure:
bullet-proof glass generally divided into the following three-tier structure:

1. Bearing layer: the impact of the first to bear the breakdown, the general thickness of large, high-strength glass, can destroy warheads or warhead to change shape, it lost the ability to move forward.
2. Interlayer: general use of organic materials glue, bonding power, lightfastness, and can absorb some impact can change the direction of bullets.
3. Security layer: This layer of high-strength glass or transparent high-strength organic materials, have better flexibility and toughness, can absorb most of impact energy, and to ensure that bullets can not pass through this layer

Applications:

1. banks, securities companies, such as jeweler to the financial sector.
2. villas, private apartments, luxury apartments, and so in need of special protection of the safe places.
3. available in the museum, explosion-proof observation window, prisons and other places for public safety.
4. Specifications: In accordance with state regulations of the bullet-proof standards can be 25-80 mm

Maximum size 2500 X 5000 mm
Minimum size of 200 X 300 mm

Electrochromic glass

electrochromic glass, switchable visibility glass, electronics materials glass
Characteristics： the number of new liquid crystal materials and polymer attached to the glass, ITO conductive film on the basis of material, the use of special glass composite production technology and use of circuit and intelligent control technology made of glass products.

Product performance characteristics: the product by controlling the current, voltage to control the glass transparency of the depth and adjust the intensity of the light house, the interior soft lighting, electricity transparent, opaque power, the product is also safe, anti-ultraviolet, installation The advantages of convenience.
Applications：

1. the high-end architectural decoration industry, car sunroof, finance, insurance, advertising media industry.
2. military and national defense systems, customs, public security and large-scale establishments.
3. high-grade office and other private establishments

Specifications: Product :6-30 mm thickness
Maximum size: 1000 X 2600 mm
Minimum size: 100 X 100 m

Heat bending glass

Characteristics: HEAT BENDING GLASS is heated to close to the glass softened, plus the force of gravity or the role, so that the glass in a particular mold in a specific non-flat shape to meet the construction of the Central African plane of the curtain walls and interior decoration demands.
Applications: widely used in various types of glass Globoidal modeling, including curtain walls, panels, roof, furniture and so on.

Specifications: thickness of the: 3-22 mm
Maximum size: 2500 × 4500 mm
Other specifications: Custom Design

<u>Bullet-proof glass</u>
bulletproof glass, bullet-proof glass, anti-bullet glass
Description: Characteristics: bullet-proof glass is a bullet with a specific block on the ability of special laminated glass, in accordance with the GB into L / M / H three types.
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Maximum size 2500 X 5000 mm
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<u>Sandwich glass (Laminated glass, interlayer glass)</u>
sandwich glass, interlayer glass, laminated glass
Characteristics： laminated glass is two or more glass with a layer of organic resin or multi-layer film, the high temperature and high pressure and permanently bonded into one of the glass products.

Product performance characteristics:

1. Security: from external shocks, even broken glass, can still maintain the integrity of the original framework, will not have flying glass debris. To prevent hurricanes, anti-earthquake.
2. bulletproof riot: A multi-storey dissection can create multiple levels of bullet-proof, anti-riot glass.
3. anti-ultraviolet radiation: no loss in visible light at the same time, effectively blocking nearly 99 percent of ultraviolet rays to enter to prevent the indoor decorations and furniture fade aging.
4. Noise Reduction: can effectively absorb sound waves to reduce noise pollution.
5. color diversity: according to customer demand, the production of color or pattern of products to meet the design requirements.

Applications：

1. building codes required the use of safety glass shelf places such as lighting, such as glass.
2. stations such as airport noise on the special requirements of the premises.
3. various banks and Exhibition Hall.
4. cars and ships, and other windows.
5. decoration and furniture.
6. bulletproof riot other requirements of the special occasions (bulletproof glass).

Specifications: The original film thickness of the: 3 - 19 mm thickness of laminated glass: 6 - 60 mm
Maximum size: 2440 × 6000 mm minimum size: 300 × 300 mm
PVB film thickness of 0.38 mm - 2.28 mm, PVB film of transparent colour, Rubai, Qianhui, the needs of different colors can be customized.
SGP film thickness of 1.52 mm - 2.28 mm, SGP film of transparent color.
EVA film thickness of 0.4 mm - 2.4 mm, EVA film of transparent color.

<u>insulated glass</u>
Characteristics： INSULATED GLASS by two or more glass, glass and zeolite containing adsorbent interval adhesion as one box, sealed in glass formed between the dry gas chamber of glass products.

Product performance characteristics:

1. thermal properties: the lower the U-value (heat transfer coefficient), the inert gas filling into effect more obvious.
2. optical properties: according to actual needs, flexible choice of different visible light transmission and reflection rate.
3. noise performance: INSULATED GLASS generally reduce the noise 30 db, and the inert gas filling can be reduced about 5 db.
4. anti-condensation properties: the state than the INSULATED GLASS dew point -40 ℃ lower, to ensure that no hollow glass condensation.
5. sealing: aluminum frame (interval box) a shape, structure and butyl rubber or plastic, double-sealed plastic polysulfide, to ensure a good seal performance and service life.

Applications: INSULATED GLASS with a coating, steel, laminated glass, such as portfolio into a variety of products, you can get a variety of the best results. Is now widely used in advanced construction, offices, airports, refrigerator and other fields.

Specifications：

  maximum size: 2500 X 5000 mm
  Minimum size: 180 × 300 mm
  Standing tubes: 6 mm, 9 mm, 12 mm, 16 mm

tempered glass, semi-tempered glass

Characteristics： tempered glass, tempered glass is half-glass to quench heated and processed by the glass surface with a strong uniform compressive stress multiplying the mechanical strength of glass.

Tempered glass product performance characteristics:

1. Security: broken glass after a difficult wounding the Suixiaodunjiao particles.
2. high-intensity: Tempered glass is generally ordinary glass of the four to five times.
3. strong thermal stability: the impact strength heat-resistant glass is three times that of the 200 ℃ can withstand changes in temperature.

Semi-tempered glass product performance characteristics:

1. semi-tempered glass is ordinary about the strength of float glass 2 times.
2. effectively resist heat stress and avoid the heat Zhalie glass.
3. rupture, the semi-tempered glass debris tends to remain in the framework of not falling.
4. not a glass of SELF phenomenon.

Applications：

1. business and civil buildings
2. glass escalator railings and parapets
3. vehicles and ships, such as the windows
4. decoration and furniture
5. the existence of thermal shock

Specifications： thickness of the: 3-19 mm
Maximum size: 2440 × 6000 mm
Minimum size: 150 × 250 mm

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