

HaiKong
S G T

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Guangdong Haikong
Special Glass Technology Co.,LTD

[Achieve Dreams With Innovation]

www.avicsgt.com

COMPANY PROFILE

Guangdong Haikong Special Glass Technology Co.,Ltd is located in Huizhou China.

It is the key and major development enterprise in Hainan Development Holdings Nanhai Co.,Ltd.

Haikong SGT is specialized in the fabrication of architectural safety and energy-saving glass and special glass processing.

It's the leading enterprises of special glass industry in China.

HAIKONG SGT

Haikong SGT was established in 1995, formerly known as AVIC SANXIN Co.,LTD, issued A stock in Shenzhen Stock Exchange in August, 2007, Share Code: 002163. Introduced latest coating line from VAAT, Germany, and established a full supply system including solar control, single and double silver low-e IGU, temperable low-e, heat reflective glass, flat/bent tempered/HS glass, flat/bent laminated glass, fire-rated glass, laminated glass, laminated glass with LED/LCD film, 3D heat curved glass, digital print glass etc. These products could follow Chinese, European, Australian and American standards and meet the requirements from the customers from different countries and regions.

Main capacity

250,000sqm

Total Area of Factory

1,400,000sqm

LOW-E coating

3,500,000sqm

Annual Capacity for Glass
Tempered Glass area

1,000,000sqm

Laminated Glass area

1,000,000sqm

Insulated Glass area

600,000sqm

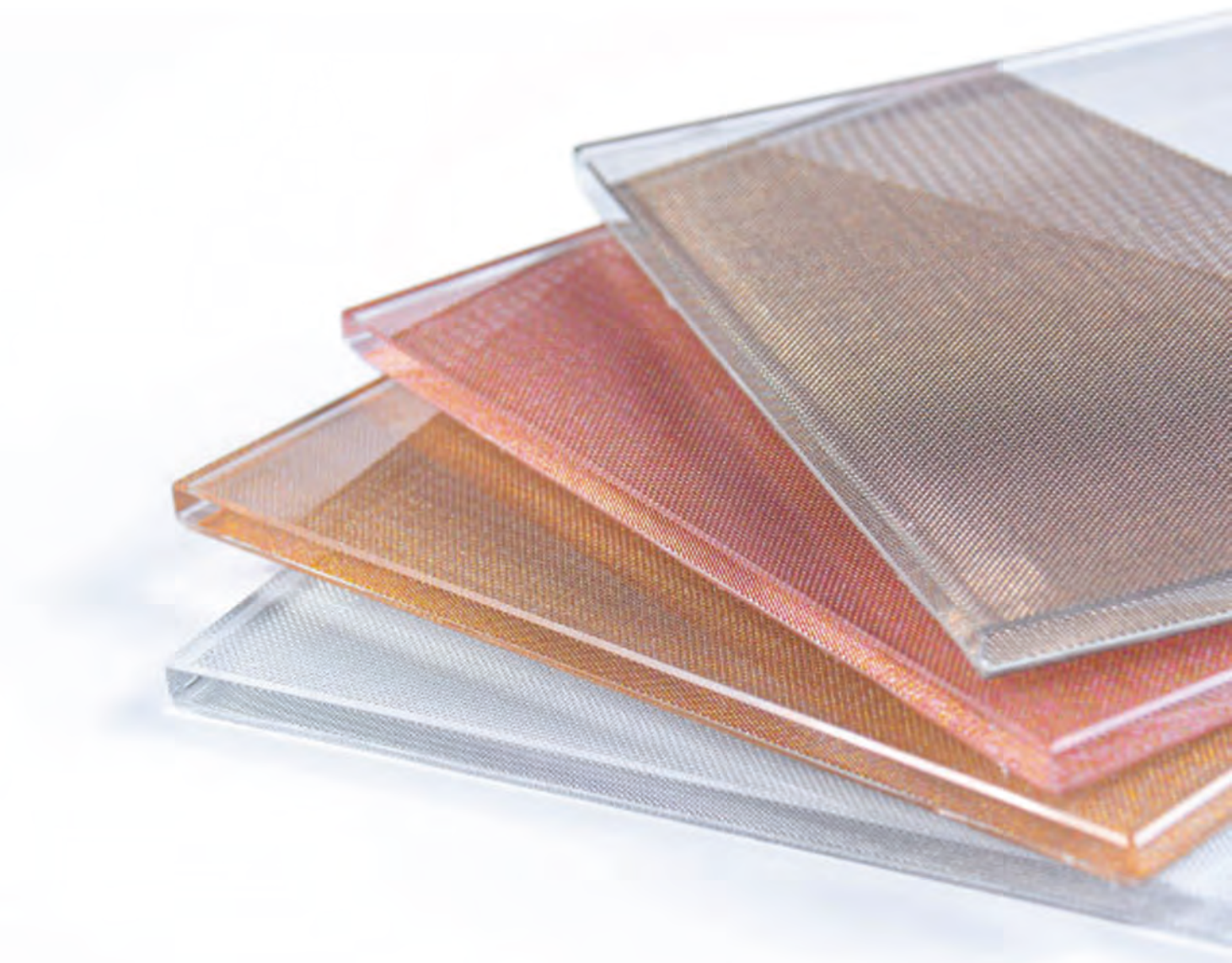
Other Glass area



Major Markets

North America, Europe, Japan.

Southeast Asia, Australia, Middle East etc.

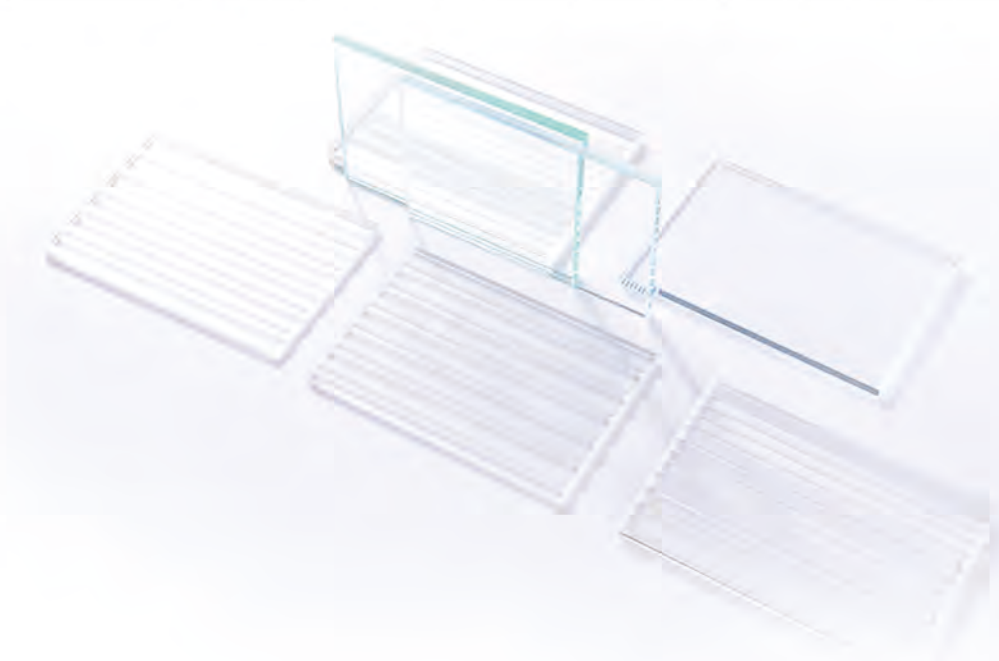


Low-E Glass

| GUANGDONG HAIKONG SPECIAL GLASS TECHNOLOGY CO LTD | | | | | | | | | | | | | | | | |
|---|------------------------|------------------|-----------------|---------------|----------|-----------------------------|------|---------------------|------|-----------------|------|---------------|----------------|------|----------------|------------|
| Glazing | Coating Substrate Type | Appearance Color | Visible Light | | | Solar Heat Gain Coefficient | | Shading Coefficient | | U-value | | | | | | RHG (W/m²) |
| | | | Trans-mission % | Reflectance % | | EN410 | NFRC | EN410 | NFRC | EN673 (W/m²·K) | | | NFRC (W/m²·K) | | | |
| | | | | External | Internal | | | | | Air | | Argon (90%) | Air (Summer) | | Air (Winter) | |
| | | | | | | | | | | 12mm | 16mm | | 12mm | 12mm | | |
| Solar Control Monoitic | | | | | | | | | | | | | | | | |
| 6SSC1-80T | 6mm Clear | Blue grey | 78 | 16 | 17 | 0.77 | 0.78 | 0.89 | 0.90 | 5.67 | - | - | 5.21 | 5.78 | 604 | |
| 6SSC1-70T | 6mm Clear | Light blue | 68 | 16 | 16 | 0.72 | 0.73 | 0.83 | 0.84 | 5.65 | - | - | 5.19 | 5.76 | 570 | |
| 6SSC1-60T | 6mm Clear | Blue grey | 60 | 15 | 15 | 0.65 | 0.66 | 0.74 | 0.76 | 5.47 | - | - | 4.98 | 5.56 | 518 | |
| 6SSC1-50T | 6mm Clear | Blue | 51 | 19 | 13 | 0.57 | 0.59 | 0.66 | 0.68 | 5.35 | - | - | 4.85 | 5.44 | 465 | |
| 6SSC1-48T | 6mm Clear | Grey | 48 | 13 | 15 | 0.56 | 0.58 | 0.64 | 0.66 | 5.26 | - | - | 4.75 | 5.34 | 454 | |
| 6SCB1-46T | 6mm Clear | Blue grey | 48 | 17 | 14 | 0.54 | 0.56 | 0.62 | 0.65 | 5.33 | - | - | 4.83 | 5.42 | 446 | |
| 6SSC1-40T | 6mm Clear | Bright grey | 40 | 25 | 10 | 0.46 | 0.47 | 0.52 | 0.54 | 4.93 | - | - | 4.36 | 4.99 | 380 | |
| 6SSC1-31T | 6mm Clear | Grey | 30 | 16 | 25 | 0.42 | 0.45 | 0.48 | 0.52 | 5.11 | - | - | 4.57 | 5.18 | 361 | |
| 6SSC1-30T | 6mm Clear | Blue grey | 28 | 28 | 16 | 0.35 | 0.38 | 0.40 | 0.43 | 4.79 | - | - | 4.19 | 4.84 | 307 | |
| 6SSC1-20T | 6mm Clear | Silver | 19 | 37 | 22 | 0.26 | 0.29 | 0.30 | 0.33 | 4.36 | - | - | 3.68 | 4.39 | 236 | |
| Temperable Double-Silver Low-E | | | | | | | | | | | | | | | | |
| 6SDBE1-79T+12A+6C | 6mm Clear | Light Blue | 70 | 12 | 13 | 0.42 | 0.39 | 0.48 | 0.45 | 1.66 | 1.42 | 1.34 | 1.66 | 1.70 | 315 | |
| 6SDT1-78T+12A+6C | 6mm Clear | Light Blue | 70 | 14 | 14 | 0.42 | 0.39 | 0.48 | 0.45 | 1.65 | 1.40 | 1.32 | 1.65 | 1.69 | 316 | |
| 6SDTN1-71T+12A+6C | 6mm Clear | Nuetral | 63 | 11 | 13 | 0.41 | 0.39 | 0.47 | 0.44 | 1.69 | 1.45 | 1.37 | 1.70 | 1.73 | 307 | |
| 6SDTR1-69T+12A+6C | 6mm Clear | Light Grey | 62 | 18 | 18 | 0.35 | 0.32 | 0.40 | 0.37 | 1.66 | 1.41 | 1.33 | 1.66 | 1.70 | 263 | |
| 6SDCE1-68T+12A+6C | 6mm Clear | Nuetral | 61 | 12 | 12 | 0.37 | 0.35 | 0.42 | 0.40 | 1.66 | 1.41 | 1.34 | 1.66 | 1.70 | 278 | |
| 6SDCE1-55T+12A+6C | 6mm Clear | Gray | 49 | 18 | 14 | 0.29 | 0.27 | 0.33 | 0.31 | 1.66 | 1.42 | 1.34 | 1.67 | 1.71 | 219 | |
| 6SDCE1-45T+12A+6C | 6mm Clear | Gray | 40 | 21 | 15 | 0.23 | 0.22 | 0.27 | 0.25 | 1.67 | 1.43 | 1.35 | 1.68 | 1.71 | 181 | |
| 6SDCN1-57T+12A+6C | 6mm Clear | Nuetral Grey | 50 | 12 | 12 | 0.31 | 0.29 | 0.35 | 0.33 | 1.66 | 1.42 | 1.34 | 1.67 | 1.70 | 234 | |
| 6SDCN1-54T+12A+6C | 6mm Clear | Nuetral Grey | 48 | 16 | 13 | 0.29 | 0.27 | 0.33 | 0.31 | 1.66 | 1.42 | 1.34 | 1.67 | 1.70 | 220 | |
| 6SDCN1-48T+12A+6C | 6mm Clear | Nuetral Grey | 42 | 14 | 13 | 0.27 | 0.26 | 0.31 | 0.29 | 1.66 | 1.42 | 1.34 | 1.67 | 1.70 | 208 | |
| 6SDCN1-45T+12A+6C | 6mm Clear | Blue grey | 40 | 16 | 13 | 0.25 | 0.24 | 0.29 | 0.28 | 1.72 | 1.48 | 1.41 | 1.73 | 1.75 | 195 | |
| 6SDCR1-44T+12A+6C | 6mm Clear | Bright grey | 40 | 26 | 17 | 0.23 | 0.22 | 0.27 | 0.25 | 1.68 | 1.44 | 1.36 | 1.68 | 1.71 | 180 | |
| 6SDBN1-60T+12A+6C | 6mm Clear | Light blue | 52 | 13 | 12 | 0.31 | 0.29 | 0.36 | 0.34 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 238 | |
| 6SDBN1-56T+12A+6C | 6mm Clear | Light blue | 50 | 16 | 15 | 0.30 | 0.29 | 0.35 | 0.33 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 230 | |
| 6SDBN1-44T+12A+6C | 6mm Clear | Blue | 38 | 19 | 14 | 0.23 | 0.22 | 0.27 | 0.26 | 1.77 | 1.54 | 1.47 | 1.78 | 1.79 | 180 | |
| 6SDBG1-69T+12A+6C | 6mm Clear | Blue | 61 | 15 | 17 | 0.42 | 0.40 | 0.48 | 0.46 | 1.75 | 1.51 | 1.44 | 1.76 | 1.77 | 313 | |
| 6SDBG1-58T+12A+6C | 6mm Clear | Blue | 51 | 14 | 17 | 0.39 | 0.38 | 0.45 | 0.44 | 1.75 | 1.51 | 1.44 | 1.76 | 1.77 | 293 | |
| 6SDBG1-56T+12A+6C | 6mm Clear | Blue | 49 | 19 | 21 | 0.33 | 0.32 | 0.38 | 0.36 | 1.66 | 1.42 | 1.34 | 1.67 | 1.70 | 249 | |
| 6SDBG1-46T+12A+6C | 6mm Clear | Blue | 38 | 20 | 25 | 0.27 | 0.26 | 0.31 | 0.30 | 1.67 | 1.43 | 1.35 | 1.67 | 1.71 | 204 | |

| GUANGDONG HAIKONG SPECIAL GLASS TECHNOLOGY CO LTD | | | | | | | | | | | | | | | | |
|---|------------------------|------------------|-----------------|---------------|----------|-----------------------------|------|---------------------|------|-----------------|------|----------------|----------------|----------------|-----|------------|
| Glazing | Coating Substrate Type | Appearance Color | Visible Light | | | Solar Heat Gain Coefficient | | Shading Coefficient | | U-value | | | | | | RHG (W/m²) |
| | | | Trans-mission % | Reflectance % | | EN410 | NFRC | EN410 | NFRC | EN673 (W/m²·K) | | NFRC (W/m²·K) | | | | |
| | | | | External | Internal | | | | | Air | | Argon (90%) | Air (Summer) | Air (Winter) | | |
| | | | | | | | | | | 12mm | 16mm | 12mm | 12mm | | | |
| Dou-Silver Low-E on Annealed /Ceramic-fired Substrate | | | | | | | | | | | | | | | | |
| 6SDCE1-68A+12A+6C | 6mm Clear | Nuetral | 60 | 12 | 13 | 0.38 | 0.36 | 0.44 | 0.42 | 1.72 | 1.49 | 1.41 | 1.73 | 1.75 | 288 | |
| 6SDCE1-65A+12A+6C | 6mm Clear | Light blue | 58 | 11 | 12 | 0.36 | 0.34 | 0.41 | 0.39 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 272 | |
| 6SDCN1-57A+12A+6C | 6mm Clear | Nuetral Grey | 50 | 13 | 13 | 0.33 | 0.31 | 0.38 | 0.35 | 1.70 | 1.46 | 1.38 | 1.70 | 1.73 | 250 | |
| 6SDCN1-55A+12A+6C | 6mm Clear | Light Grey | 50 | 14 | 14 | 0.32 | 0.30 | 0.36 | 0.35 | 1.70 | 1.46 | 1.38 | 1.70 | 1.73 | 241 | |
| 6SDCN1-47A+12A+6C | 6mm Clear | Nuetral Gray | 41 | 15 | 12 | 0.27 | 0.25 | 0.31 | 0.29 | 1.65 | 1.41 | 1.33 | 1.66 | 1.70 | 205 | |
| 6SDCN1-45A+12A+6C | 6mm Clear | Nuetral Grey | 41 | 17 | 13 | 0.26 | 0.25 | 0.30 | 0.29 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 200 | |
| 6SDCR1-44A+12A+6C | 6mm Clear | Bright grey | 40 | 26 | 17 | 0.23 | 0.22 | 0.27 | 0.25 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 181 | |
| 6SDBN1-67A+12A+6C | 6mm Clear | Light Blue | 58 | 10 | 12 | 0.39 | 0.37 | 0.45 | 0.43 | 1.72 | 1.49 | 1.41 | 1.73 | 1.75 | 293 | |
| 6SDBN1-66A+12A+6C | 6mm Clear | Light Grey | 59 | 10 | 11 | 0.37 | 0.35 | 0.43 | 0.41 | 1.70 | 1.46 | 1.38 | 1.70 | 1.73 | 281 | |
| 6SDBE1-60AIF+12A+6C | 6mm Clear | Light-Blue grey | 53 | 14 | 14 | 0.33 | 0.31 | 0.38 | 0.35 | 1.77 | 1.54 | 1.47 | 1.78 | 1.79 | 248 | |
| 6SDBN1-56A+12A+6C | 6mm Clear | Light-Blue grey | 49 | 17 | 14 | 0.31 | 0.29 | 0.35 | 0.33 | 1.68 | 1.44 | 1.36 | 1.69 | 1.72 | 233 | |
| 6SDBN1-51A2+12A+6C | 6mm Clear | Blue Gray | 42 | 19 | 15 | 0.27 | 0.25 | 0.31 | 0.29 | 1.73 | 1.50 | 1.42 | 1.74 | 1.76 | 205 | |
| 6SDBN1-45A+12A+6C | 6mm Clear | Blue Gray | 40 | 18 | 14 | 0.25 | 0.24 | 0.29 | 0.28 | 1.69 | 1.45 | 1.37 | 1.69 | 1.72 | 196 | |
| 6SDBG-60A+12A+6C | 6mm Clear | Blue | 52 | 14 | 16 | 0.33 | 0.31 | 0.38 | 0.36 | 1.69 | 1.45 | 1.37 | 1.70 | 1.73 | 250 | |
| 6SDBG-56A+12A+6C | 6mm Clear | Blue | 48 | 15 | 17 | 0.34 | 0.32 | 0.39 | 0.37 | 1.72 | 1.48 | 1.41 | 1.73 | 1.75 | 256 | |
| 6SDBG-44A+12A+6C | 6mm Clear | Blue | 41 | 20 | 17 | 0.29 | 0.28 | 0.33 | 0.33 | 1.69 | 1.45 | 1.38 | 1.70 | 1.73 | 222 | |
| Temperable Single-Silver Low-E | | | | | | | | | | | | | | | | |
| 6SEE1-83T+12A+6C | 6mm Clear | Nuetral | 74 | 12 | 12 | 0.59 | 0.57 | 0.67 | 0.66 | 1.72 | 1.49 | 1.42 | 1.73 | 1.75 | 434 | |
| 6SSN1-70T+12A+6C | 6mm Clear | Light Blue | 62 | 14 | 11 | 0.49 | 0.48 | 0.56 | 0.55 | 1.80 | 1.58 | 1.50 | 1.82 | 1.82 | 367 | |
| 6SSN1-65T+12A+6C | 6mm Clear | Blue | 58 | 20 | 13 | 0.46 | 0.44 | 0.52 | 0.51 | 1.82 | 1.60 | 1.52 | 1.83 | 1.83 | 341 | |
| 6SSN1-60T+12A+6C | 6mm Clear | Blue | 52 | 18 | 10 | 0.43 | 0.42 | 0.49 | 0.48 | 1.85 | 1.63 | 1.56 | 1.87 | 1.86 | 321 | |
| 6SSN1-50T+12A+6C | 6mm Clear | Bright blue | 45 | 21 | 11 | 0.38 | 0.37 | 0.43 | 0.42 | 1.81 | 1.59 | 1.51 | 1.83 | 1.83 | 285 | |
| 6SSN1-58T+12A+6C | 6mm Clear | Bright blue | 51 | 21 | 11 | 0.43 | 0.42 | 0.49 | 0.48 | 1.86 | 1.64 | 1.57 | 1.87 | 1.86 | 321 | |
| 6SCN1-55T+12A+6C | 6mm Clear | Neutral | 48 | 19 | 12 | 0.42 | 0.42 | 0.48 | 0.48 | 1.82 | 1.60 | 1.53 | 1.83 | 1.83 | 315 | |
| 6SSR1-50T+12A+6C | 6mm Clear | Silver | 44 | 33 | 19 | 0.34 | 0.32 | 0.39 | 0.37 | 1.68 | 1.44 | 1.36 | 1.69 | 1.72 | 254 | |

| Glazing | Coating Substrate Type | Appearance Color (Ref-/Trans-) | Visible Light | | | Solar Heat Gain Coefficient | | Shading Coefficient | | U-value | | | | RHG (W/m2) | |
|---|------------------------|--------------------------------|-----------------|---------------|----------|-----------------------------|------|---------------------|------|-----------------|------|---------------|--------|------------|-------|
| | | | Trans-mission % | Reflectance % | | EN410 | NFRC | EN410 | NFRC | EN673 (W/m²·K) | | NFRC (| Ashrae | | |
| | | | | External | Internal | | | | | Air | | Argon (90%) | | | Air (|
| | | | | | | | | | | 12mm | 16mm | 12mm | | | 12mm |
| Temperable Single-Silver Low-E | | | | | | | | | | | | | | | |
| 6SEE1-87T+12A+6C | 6mm Clear | Light Blue/ Clear | 78 | 13 | 13 | 0.59 | 0.57 | 0.67 | 0.65 | 1.72 | 1.49 | 1.41 | 1.73 | 435 | |
| 6SEE1-83T+12A+6C | 6mm Clear | Light Blue/ Clear | 74 | 12 | 12 | 0.59 | 0.57 | 0.67 | 0.66 | 1.72 | 1.49 | 1.42 | 1.73 | 434 | |
| 6SSN1-75T+12A+6C | 6mm Clear | Light Blue/ Clear | 68 | 11 | 12 | 0.54 | 0.52 | 0.61 | 0.60 | 1.86 | 1.65 | 1.57 | 1.88 | 399 | |
| 6SSN1-70T+12A+6C | 6mm Clear | Light Blue/ Lighth Green | 62 | 14 | 11 | 0.49 | 0.48 | 0.56 | 0.55 | 1.80 | 1.58 | 1.50 | 1.82 | 367 | |
| 6SSN1-60T+12A+6C | 6mm Clear | Blue/ Lighth Green | 52 | 18 | 10 | 0.43 | 0.42 | 0.49 | 0.48 | 1.85 | 1.63 | 1.56 | 1.87 | 321 | |
| 6STB1-58T+12A+6C | 6mm Clear | Bright Blue/ Clear | 51 | 21 | 11 | 0.43 | 0.42 | 0.49 | 0.48 | 1.86 | 1.64 | 1.57 | 1.87 | 321 | |
| 6SSN1-56T+12A+6C | 6mm Clear | Bright gray/ Neutral Gray | 48 | 19 | 11 | 0.40 | 0.40 | 0.46 | 0.46 | 1.92 | 1.71 | 1.64 | 1.94 | 303 | |
| 6SCN1-55T+12A+6C | 6mm Clear | Neutral/ Greenish Gray | 48 | 19 | 12 | 0.42 | 0.42 | 0.48 | 0.48 | 1.82 | 1.60 | 1.53 | 1.83 | 315 | |
| 6SSN1-50T+12A+6C | 6mm Clear | Blue/ Neutral | 45 | 21 | 11 | 0.38 | 0.37 | 0.43 | 0.42 | 1.81 | 1.59 | 1.51 | 1.82 | 285 | |
| 6SSR1-50T+12A+6C | 6mm Clear | Silver/ Neutral Gray | 44 | 33 | 19 | 0.34 | 0.32 | 0.39 | 0.37 | 1.68 | 1.44 | 1.36 | 1.68 | 254 | |
| 6SSP1-50T+12A+6C | 6mm Clear | Neutral Gray/ Green Gray | 43 | 16 | 12 | 0.34 | 0.34 | 0.39 | 0.39 | 1.91 | 1.70 | 1.63 | 1.93 | 261 | |
| 6SGA1-60T+12A+6C | 6mm Clear | Warm Yellow/ Gray Blue | 55 | 21 | 23 | 0.39 | 0.37 | 0.45 | 0.42 | 1.72 | 1.48 | 1.40 | 1.72 | 296 | |
| 6SGA1-44T+12A+6C | 6mm Clear | Light Brown/ Blue Gray | 39 | 23 | 21 | 0.30 | 0.29 | 0.35 | 0.33 | 1.75 | 1.52 | 1.44 | 1.76 | 230 | |
| 6SSN1-40T+12A+6C | 6mm Clear | Pewter/ Light Gray | 35 | 25 | 11 | 0.30 | 0.30 | 0.35 | 0.35 | 1.77 | 1.54 | 1.47 | 1.78 | 235 | |
| Single-Silver Low-E on Annealed Substrated/Ceramic-frited | | | | | | | | | | | | | | | |
| 6SEE1-83A+12A+6C | 6mm Clear | Neutral/ Clear | 73 | 12 | 12 | 0.58 | 0.56 | 0.66 | 0.65 | 1.93 | 1.72 | 1.65 | 1.95 | 430 | |
| 6SSN-75A+12A+6C | 6mm Clear | Light Blue/ Clear | 67 | 12 | 11 | 0.53 | 0.52 | 0.61 | 0.60 | 1.87 | 1.66 | 1.59 | 1.89 | 398 | |
| 6SRE1-59A+12A+6C | 6mm Clear | Bright Silver/ Yellowish Gray | 51 | 32 | 22 | 0.36 | 0.37 | 0.41 | 0.41 | 1.72 | 1.47 | 1.40 | 1.72 | 275 | |
| 6SRE1-38A+12A+6C | 6mm Clear | Bright Silver/ Yellowish Gray | 37 | 49 | 34 | 0.27 | 0.26 | 0.31 | 0.30 | 1.72 | 1.48 | 1.40 | 1.72 | 206 | |



MIRAE ASSET

LOCATION: KOREA



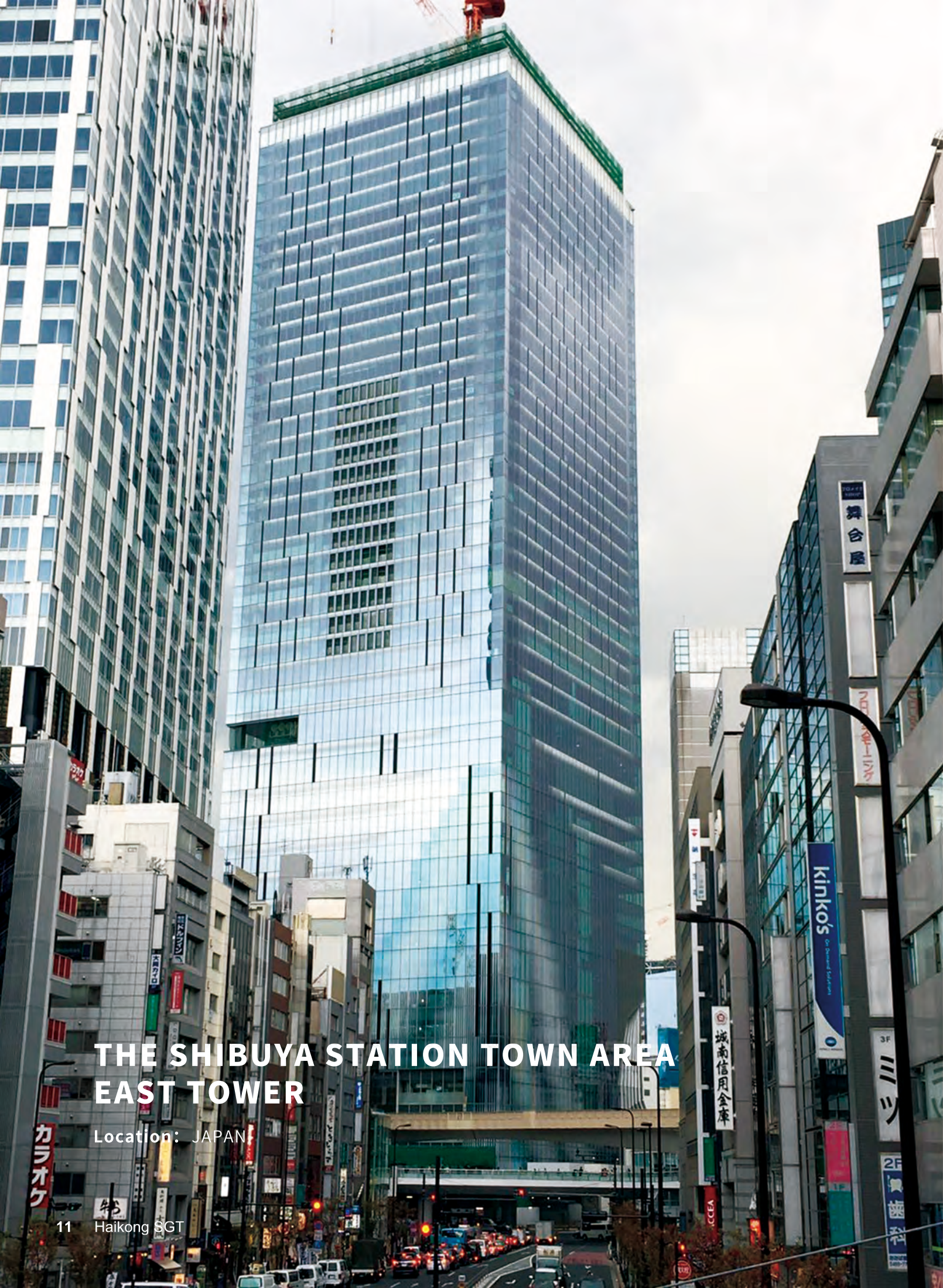
SALVATOR DALI MUSEUM

Location: TEMPA.FL,USA



AUSTRALIA 108

Location: AUSTRALIA



**THE SHIBUYA STATION TOWN AREA
EAST TOWER**

Location: JAPAN



ABU DHABI INTERNATIONAL AIRPORT

Location: ABU DHABI, UAE



TOWER 11

Location: AUSTRALIA

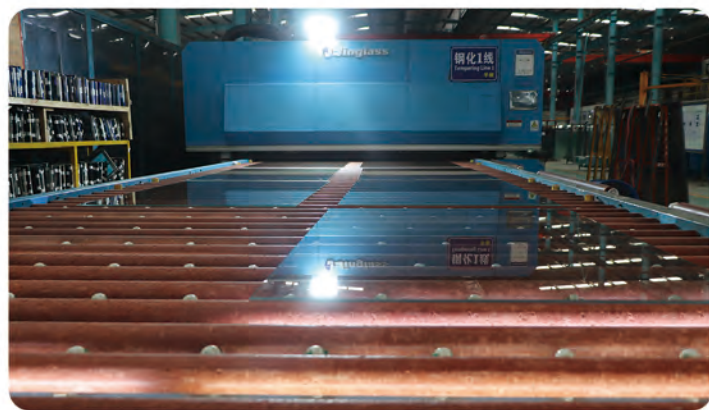
Tempered Glass



▲ TEMPERING MACHINE



▲ TEMPERING MACHINE



▲ TEMPERING MACHINE



▲ TEMPERING MACHINE

| Equipment | Max. (Mm) | Min. (Mm) | Thickness(mm) | Min. Radius (mm) | Standards | |
|-----------------------|------------|-----------|---------------|------------------|--|--|
| Tempered Glass | 2440×12000 | 100×350 | 4-25 | / | GB 15763.2 BS6206 ANSIZ 97.1 EN 12150 JIS R 3206 | GB 17841 AS/NZS 2208 ASTMC 1048 EN 1863 JIS R 3222 |
| Tempered Glass | 2540×12000 | 100×350 | 4-25 | / | | |
| Tempered Glass | 2440×6000 | 100×250 | 4-25 | / | | |
| Tempered Glass | 3300×18000 | 100×350 | 4-25 | / | | |
| Curved Tempered Glass | 3300×12000 | 1000×1000 | 6-25 | R≥2500 | | |
| Heat Soak Furnace | 3200×5300 | 100×250 | 4-25 | / | | |
| Heat Soak Furnace | 3200×6500 | 100×350 | 4-25 | / | | |
| Heat Soak Furnace | 3200×12000 | 100×350 | 4-25 | / | | |
| Heat Soak Furnace | 2500×5500 | 100×350 | 4-25 | / | | |

Ceramic Frit Glass



Digital Printing Glass



Laminated Glass

Laminated glass consists of a tough protective interlayer made of polyvinyl butyral (PVB) bonded between two or more glass panes under heat and pressure. Laminated glass might crack upon impact, but the glass fragments tend to adhere to pvb instead of falling free and potentially causing injury. Glass reaches high level in fabrication of various laminated glass



including global curved, 2D or 3D irregular curved laminated glass in standard and jumbo sizes.

Laminated glass is increasingly applied in architectural glass thanks for its outstanding performance on security. To enrich the function and decoration, Haikong SGT has introduced various new types of laminated product as below.



Autoclave

| Equipment | Processing Range | | Film Types | Standards |
|-------------------------|------------------|-----------|--|--|
| | Max. (Mm) | Min. (Mm) | | |
| Laminating Autoclave I | 3800×18000 | 50×50 | Clear pvb Colored pvb Anti-explosion EN/EVA/PU Sound Reduction XIR film | GB 15763.3 JIS R 3205 BS 6206 ASTM C 1172 AS/NZS 2208 EN 12543 ANSI Z 97.1 |
| Laminating Autoclave II | 2600×12000 | 50×50 | | |

Laminated Glass

| Equipment | Processing Range | | Film Types | Standards |
|-----------------|------------------|-----------|--|--|
| | Max. (Mm) | Min. (Mm) | | |
| Laminating Line | 3000×11000 | 50×50 | Clear pvb Colored pvb Anti-explosion EN/EVA/PU Sound Reduction XIR film | GB 15763.3 JIS R 3205 BS 6206 ASTM C 1172 AS/NZS 2208 EN 12543 ANSI Z 97.1 |
| Laminating Line | 3200×11500 | 50×50 | | |

Insulated Glass

Insulated glass is a multi-glass combination consisting of two or more panes enclosing a hermetically-sealed air space. The most important function of insulation glass can

reduce thermal loss, achieves lower energy consumption and good transparency.

Features:

- 1.Saves on heating and reduces the heat conductivity coefficient U,or improve it by filling gas.
- 2.Energy conservation.
- 3.Sound insulation.
- 4.Dual-seal:insulated glass is dually-seal with butyl as primary sealant and polysulfide or silicone as the secondary sealant.
- 5.Dew-avoidance.Dew usually occurs where there appears the condensation due to difference in temperature inside and outside of IGU.Dew happens at-40℃ for IGU, and at-80℃ if IGU filled with argon.



Insulating glass plays an important role in energy-saving building materials,Glass introduced different materials to meet people's demands on thermal aesthetics

Insulated Glass

| Equipment | Max. Size(mm) | Min. Size(mm) | Spacers(mm) | Gas Available | Standards |
|-------------|---------------|---------------|---|---------------------|---|
| Glazing I | 2500×6000 | 190×350 | 6、9、12、15/16、19、25 Aluminum, stainless, warm edge spacers etc. | Air, Argon, Krypton | GB/T11944 JIS R 3209 ASTM E 774/773 AS/NZS 4666 EN 1279 |
| Glazing II | 2500×3500 | 180×350 | | | |
| Glazing III | 2700×3500 | 190×350 | | | |
| Glazing IV | 2700×5000 | 200×350 | | | |



Main Job Reference

| Job Reference | Location | Glass makeups: |
|---------------------------------------|-------------|--|
| Onishimachi Town Hall | Japan | 15mm flat and heat curve glass |
| Tokyo Mid-Town Building | | Tempered IGU glass with low-e |
| Ginza 4 Chome | | 28mm IGU glass (half with fire-rated) |
| Sendai Chuou | | Low-e HS and IGU curved glass |
| Tiffany Ginza store | | Low iron laminated glass |
| Toyota Aizuma Hall | | Low iron curved laminated glass |
| S. K. I. | | IGU glass with low-e |
| Metro Stations | Singapore | Tempered and laminated glass |
| Nanyang Technology University | | Tempered and laminated glass with ceramic frit |
| Collyer Quay (1st phase) | | 23.52mm low-e laminated glass |
| Park Infinitia | | 12.76mm laminated glass with green glass |
| Woodleigh | | 12.76mm laminated glass with green glass |
| City Square | | 10.76mm laminated glass with blue glass & low-E |
| Raintree | | 10.76mm laminated glass with green glass |
| Changi Airport | | 13.52mm laminated glass with ceramic frit |
| Science park | | 13.52mm laminated glass |
| Raffle City | | 19.52mm laminated glass with frit |
| The coast | | 17.52mm tempered laminated glass |
| Paradiz Shopping Center | | Low-e HS and IGU glass |
| Asia Square Tower 1 | | Laminated glass with blue glass |
| Central Point Shopping Center | | Low-e HS and IGU glass |
| OUB Podium | | Low-e HS and laminated IGU glass |
| Singapore Civic Center | | Laminated glass with various colors and patterns |
| Marina Bay Front Bridge, Singapore | | Laminated glass with self-cleaning glass & frit / Laminated glass with low-e & frit; |
| Geo Hotel Kuala Lumpur, Malaysia | Malaysia | Tempered IGU glass with low-e |
| KIA Showroom | | Low iron monolithic and laminated tempered glass with frit |
| Kintown Project | | IGU tempered green glass |
| Fairmont Hotel | Philippines | Low-e HS and IGU glass |
| Vista Hub | | Low-e HS and IGU glass |
| 81 New Port | | Solar control coating tempered glass |
| MDC-100, Philippines | | Solar control coating tempered glass |
| Pacific World Tower | | Solar control coating tempered glass |
| SM Arena | | Solar control coating tempered glass |
| OTSP | | Tempered IGU glass with low-e |
| Globe Telecoms lot | | IGU glass and laminated IGU glass with low-e HS |
| Hilton Hotel | | Tempered IGU glass with low-e |
| Arbor Lanes | | Tempered IGU glass |
| K Square, Bangkok, Thailand | Thailand | 12/15/19mm tempered glass |
| Zen Tower Shopping Mall | | Flat and conical curved low-e laminated glass |
| Saigon Times Square, Vietnam | Vietnam | Low-e HS and IGU curved glass |
| Asean Trade International center | Laos | 10mm tempered green glass |
| Sahara Hotel | India | Low-e laminated and IGU glass |
| Hong Kong Science Park | Hong Kong | IGU tempered glass with low-e & green glass / XIR laminated tempered glass |
| The Chinese University of Hong Kong | | laminated and IGU tempered glass with low-e |
| The Coronation, West Kowloon | | Monolithic tempered blue glass |
| Ha Ko Po Tsuen, Hong Kong | | IGU tempered glass with low-e |
| Ap Lei Chau, Hong Kong | | IGU tempered glass with low-e / laminated tempered glass |
| Nam Cheong Station | | IGU tempered glass with low-e |
| Nathan Road | | Monolithic tempered glass |
| Cyber Port | | Colour laminated tempered glass |
| Scientific Complex | | NSG Monolithic tempered glass / Tri-laminated tempered glass |
| Harbor Plaza | | 19mm tempered super-long glass / tempered glass with ceramic frit |
| 83 Broadcast Drive | | Monolithic tinted tempered glass / laminated tempered glass |
| Paulista Administration Center, Macau | Macao | Monolithic and laminated tempered glass |
| Ho Tung Sports Centre, Macau | | Laminated tempered glass with low-e |
| Estio De Macau | | Laminated tempered glass with low-e |
| Macau University of Science and | | Solar control coating and IGU tempered glass |
| Macao Galax Casino | | Monolithic and laminated tempered glass with cyclone frit pattern |
| One Central Residences | | 19mm low iron tempered with ceramic frit |
| Galaxy Casino & Hotel | | IGU tempered glass |
| Macao Guanzi Play ground | | Laminated tempered glass |
| He Dong Gymnasium | | Laminated tempered glass |

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