



Technology of Sanwa Shutter, Japan



Manufacturer and Supplier

About Us



Sanwamas Metal Industry is a partnership company between PT. Esti Pura Kencana and Sanwa Holdings Corporation, established in 1996. In Indonesia, Sanwamas has been setting the standard for quality, security, and service of shutters. Our products, heavy-weight and light-weight shutters, are custom-made, tailored to customers specifications, with high-quality pre-painted steel, under strict quality control. Other specialized products of Sanwa Shutter Corporation such as Quick Saver, Overhead Door, Fire & Smoke Shutter and Explosion Proof Shutter are masterly manufactured and imported from Japan, Europe, the United States and many other countries.

All are sold directly to customers and installed by our trained specialists to quality, ease of use, and aesthetic appeal. Both our heavy-weight and our light-weight shutters are equipped with imported main locks, additional floor locks, springs, and PVC silencers that guarantee convenience, security, and safety. As Indonesia continues to develop rapidly, the market for rolling doors in particular and shutters in general is expected to expand. Shutters are marketed worldwide with the Sanwa Holdings Corp. philosophy of safety, security, and convenience.

Sanwamas Profile



PT. Sanwamas Metal Industry
November 1996



PT. Esti Pura Kencana
[Indonesia]



Manufactures of
Rolling Shutter



Pipe Shutter

One Sheet Shutter

Light Weight Shutter

Heavy Weight Shutter

Fire Shutter

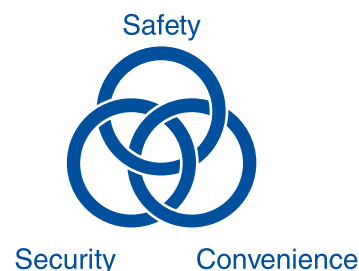
Rapid Steel Shutter

Rapid Sheet Shutter

Crystal Clear Shutter

Vision

The Sanwamas Metal Industry is committed to offering products and services that provide safety, security and convenience to further contribute to the prosperity of society.



Mission

- To deliver products and services to satisfy all customers.
- To become a true national player and be highly valued in each market.
- To bring together the creativity of each individual in a team environment for the enhancement of corporate value.

Rodamas Group Of Companies

Food



Sasa Inti



Mitratama Rasa Sejati



Megmilk Snow Brand Indonesia

Building Part & Component



Sanwamas Metal Industry



Dicky Metals



Rodamas Inti Teknik



Lixil Aluminium Indonesia

Chemicals



Kao Indonesia Chemicals



Asahimas Chemicals



Riken Asahi Plastic Indonesia



Tumbakmas Niaga Sakti



Hisamitsu Pharma Indonesia



Kao Indonesia

Distribution

Health Care

Personal Care & Hygiene

Printing & Packaging



Dai Nippon Printing Indonesia

Diamond Tools & Abrasive



Saint-Gobain Abrasives Diamas

Glass



Asahimas Flat Glass & safety Glass.

Gypsum



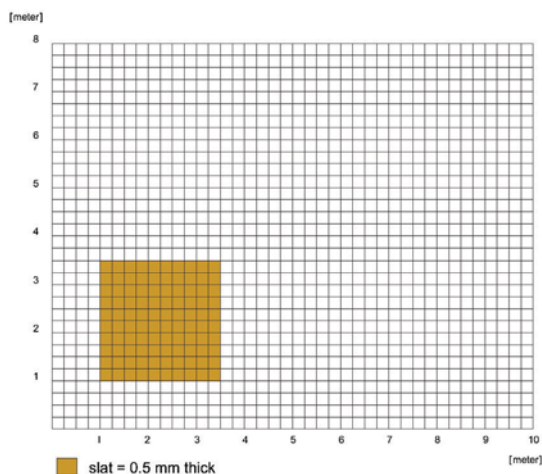
Saint-Gobain Construction Products Indonesia

Sanwa Holdings



One Sheet Shutter

- Colored steel plates on both sides so as to protect the rolling door from rust and will not easily scratched.
- D Leaf-shaped door panels of rolling door are silence.



Solid



Perforated

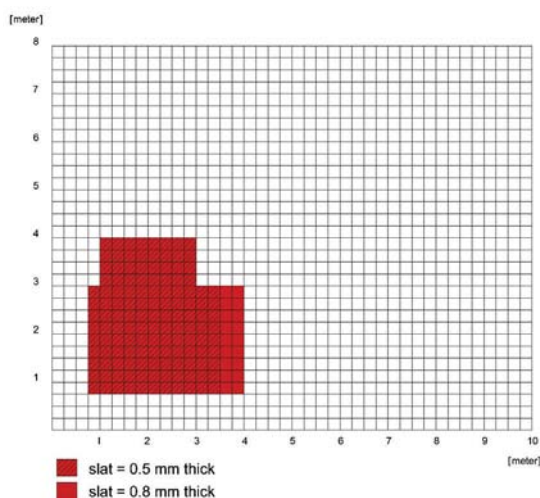


Full Perforated



Light Weight Shutter

- Using the best quality materials which are not easily scratched and rust.
- Using a suitable spring steel with JIS standard for rolling door operation; to be opened and closed.
- With Japan Standard of disc lock system to ensure the safety of Sanwamas Rolling Door.



Solid



Perforated



Full Perforated

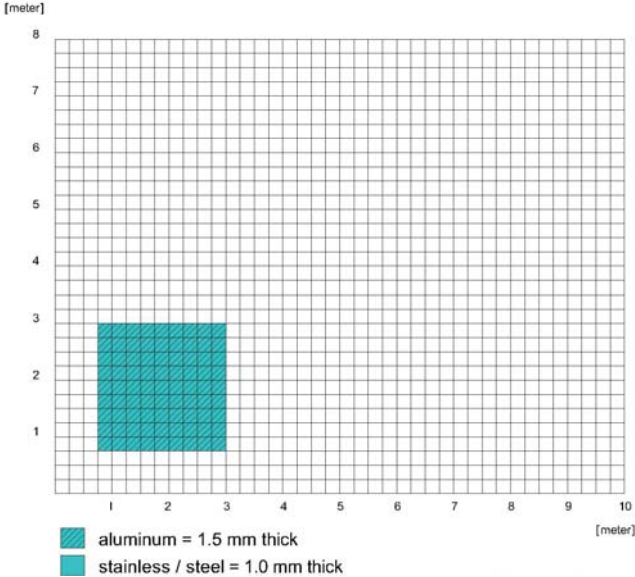


Acrylic



Pipe Shutter

- Pipe diameter is 12.7 mm which is able to create a strong rolling door and yet so artistic.

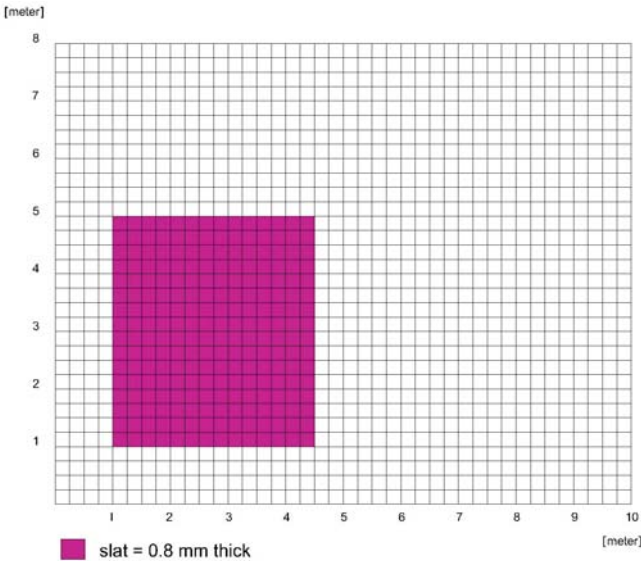


| | | | |
|------------------------------------|---------------------|----------|--------|
| | | | |
| 1.0mm (Stainless Steel & Steel) | 1.5mm (Aluminum) | Electric | Manual |

- Material :
- Aluminum
 - Stainless Steel
 - Steel

Broad Shutter

- Motorized system with Japan Standard Motor to easily open and close the shutter.

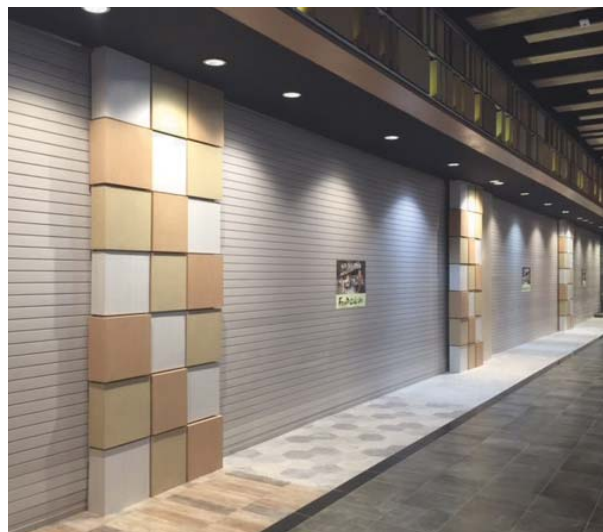
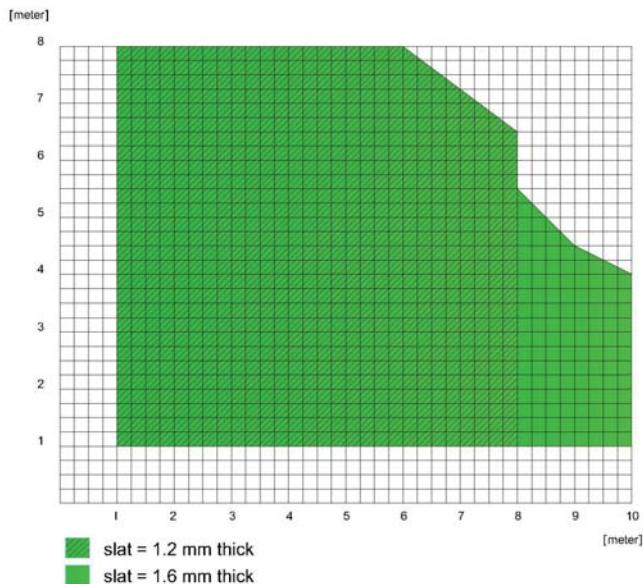


Solid/Perforated/Full Perforated

| | | | | |
|-------|----------|--------|-------|------|
| | | | | |
| 0.8mm | Electric | Manual | Beige | Grey |

Heavy Weight Shutter

- Able to reach the wide opening because of the slat thickness which are available in 1.2 mm and 1.6 mm with steel base.
- Easily operated with remote control which can be equipped to the motor.

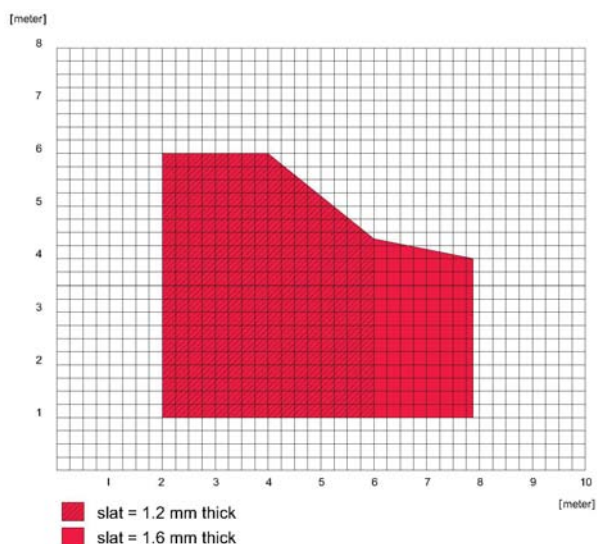


Solid/Perforated/Full Perforated

| | | | | | |
|-----------------|--------|----------|--------|---------|---------|
| 1.2 mm | 1.6 mm | Electric | Manual | Type A1 | Type F8 |
| Customize Color | Beige | Grey | | | |

Fire Shutter

- Have 'Protective Power' function when fire breaks out.
- Completely protect the area from fire with high performance of fire proof. Able to shut out the fire force.
- Tested and certified slat from Laboratory of Research & Development Agency-Ministry of Public Works and Housing.

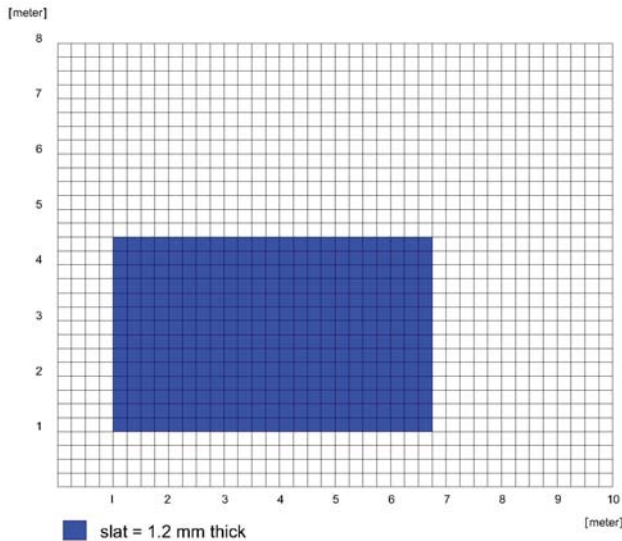


Solid

| | | | | |
|--------|--------|----------|--------|---------|
| 1.2 mm | 1.6 mm | Electric | Manual | Type A1 |
|--------|--------|----------|--------|---------|

Rapid Steel Shutter

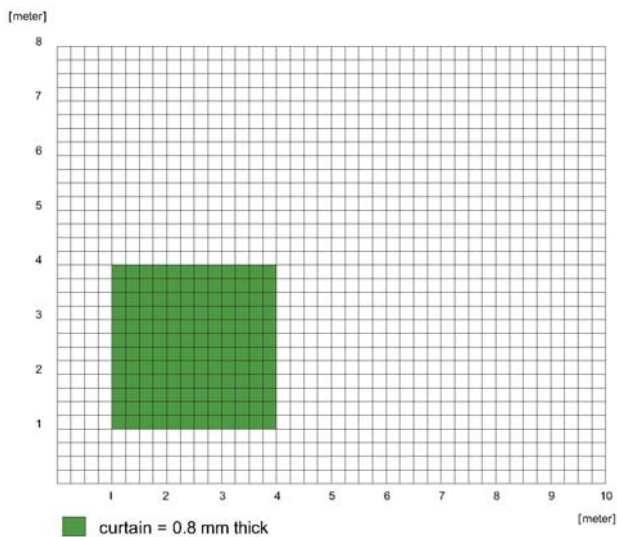
- Faster operation of shutter to increase user productivity and air-cond efficiency. Able to provide the best operation speed to save time.
- Additional accessories are available such as radio control or motion detector.
- Advanced performance with motor direct drive.



- 1.2mm
- Customize Color
- Electric
- Manual
- Type A1

Rapid Sheet Shutter

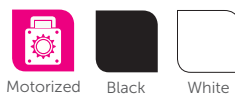
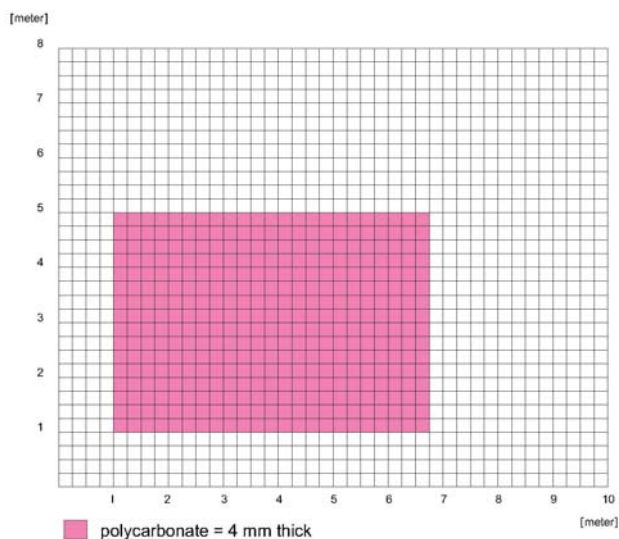
- The product is equipped with high speed operation and interlocking system.
- Integrated with emergency systems from BMS or Fire Control / Detector equipment to automatically localize fire smoke spread.
- Engineered for excellence of thermal efficiency, water infiltration and windload resistance.



- 0.8mm
- Electric

Crystal Clear Shutter

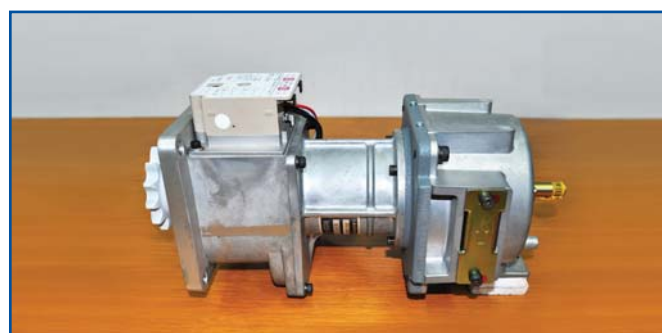
- Polycarbonate resin with Extruded Aluminum hinges. 100% rust proof and almost have clear transparent appearance.
- Standard Colour in Black or White powder coated for the Aluminum Extrude and Guide Rail. Also can be powder coated to any corporate colour or international standard. Quality of the finishing can be expected.
- Operated by electrical motor.



Electric & Manual Operators



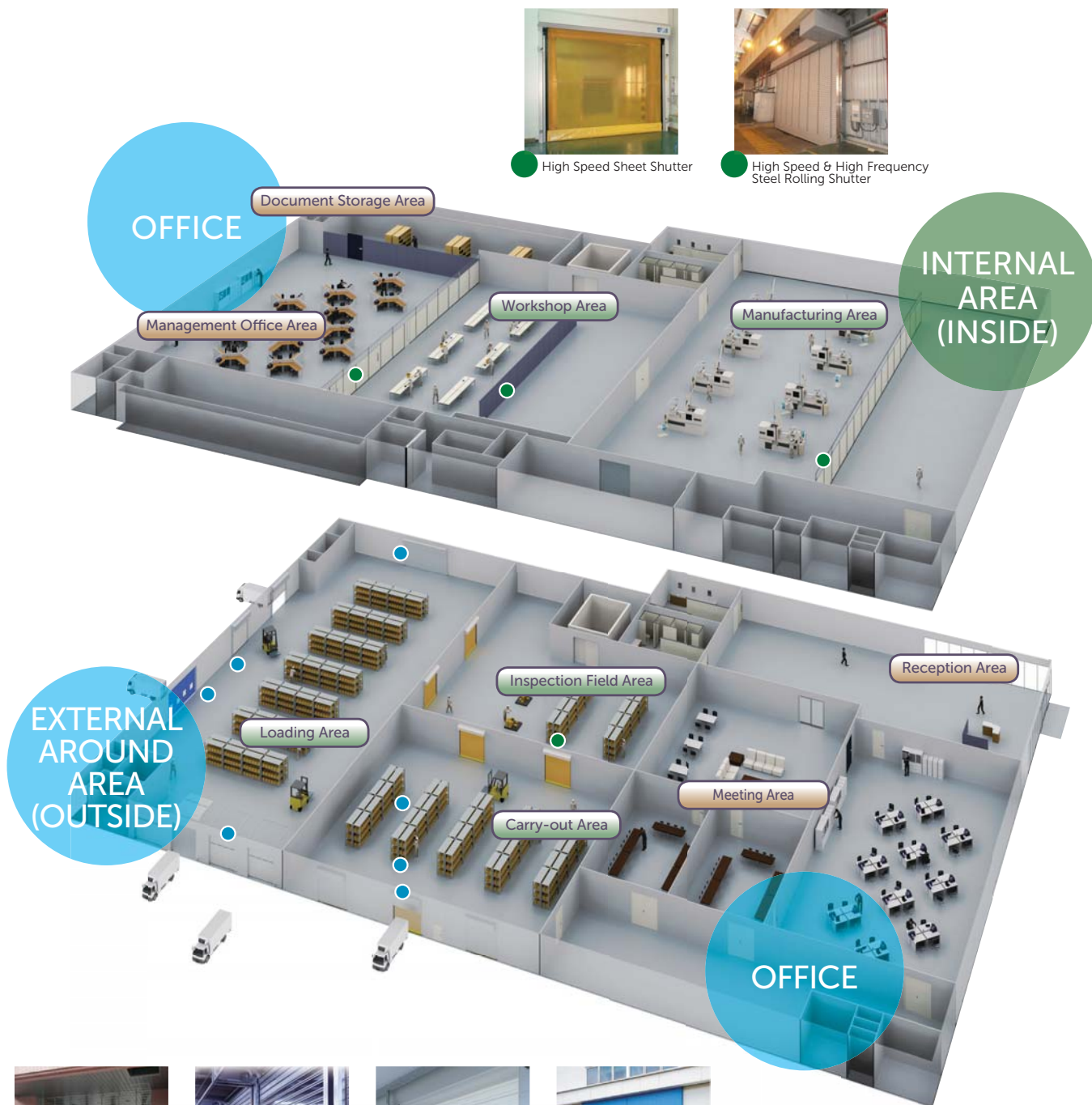
Electric Operators



Manual Operators

| Model | SMI 300 | SMI 550 | SMI 1000 | SMI 2000 | SG 20 | SG 40 | SG 75 | SFE 150 | SGH 20 | SGH 40 | SGH 75 |
|-------------|----------|---------|----------|----------|-------|-------|-------|---------|--------|--------|--------|
| Output [KW] | 0.15 | 0.37 | 0.75 | 1.5 | 0.25 | 0.5 | 0.75 | 1.5 | - | - | - |
| Phase | 1 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | - | - | - |
| | Electric | | | | | | | | Manual | | |
| | Taiwan | | | | Japan | | | | | | |

Sanwa Holdings Products



Lightweight Shutter



Ultra High Speed Shutter



Over Slider



SP Hanger Door



Heavy Weight Shutter



High Speed Sheet Shutter



Steel Door



Explosion Proof

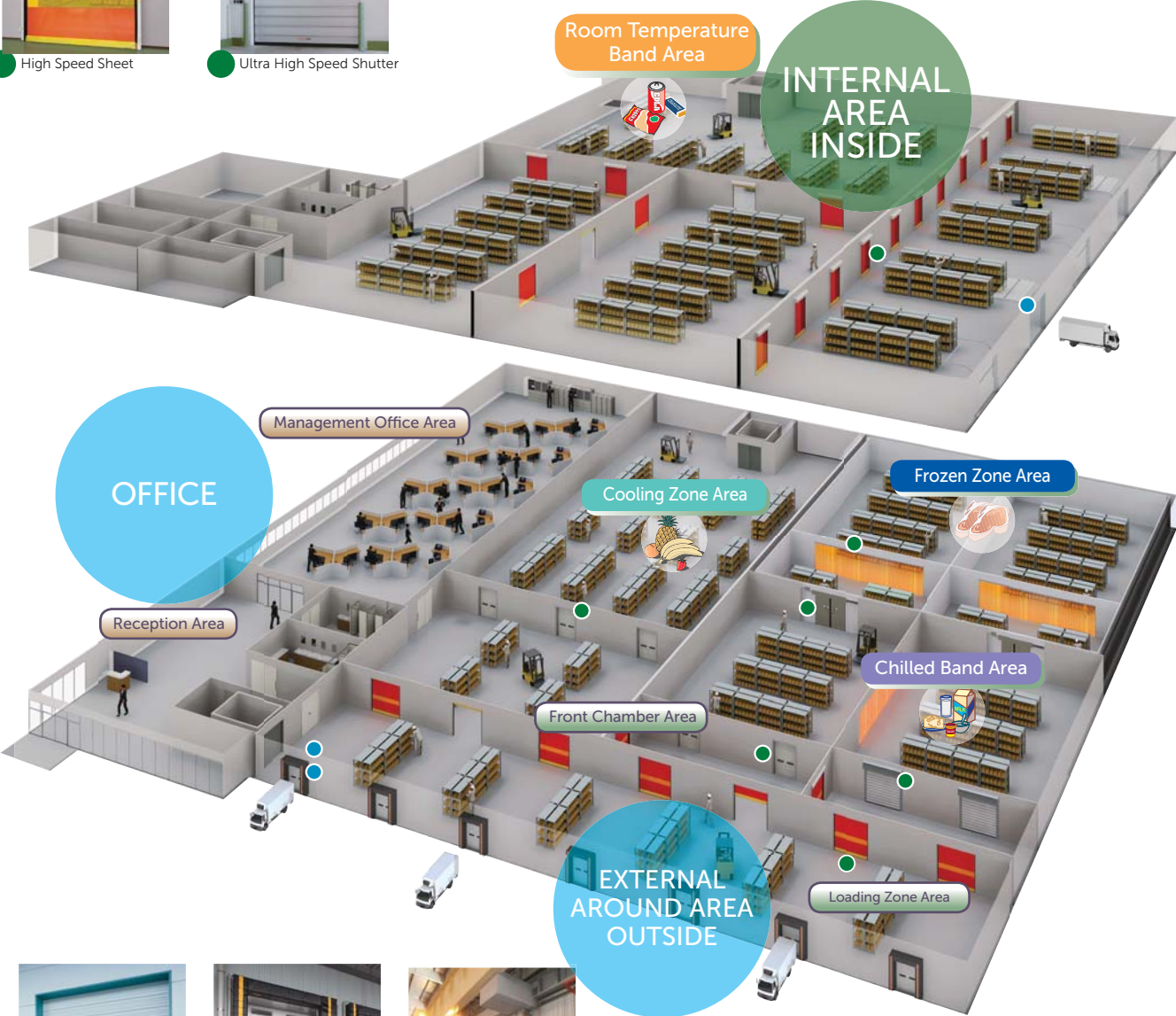
Sanwa Holdings Products



High Speed Sheet



Ultra High Speed Shutter



Over Slider



Dock Shelter



High Speed & High Frequency Steel Rolling Shutter



Fire Shutter & High Speed Sheet Shutter



Dock Leveler



Steel Door



Technology of Sanwa Shutter, Japan

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