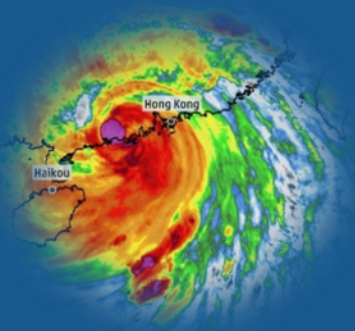
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立花工程(香港)有限公司

High Performance Floodgate

- Compliance to BS 851188-2:2019
- Stainless Steel Grade 316
- SS316L Anchors and Embeds
- RSE Certified



Flood Prevention Gate



Tachibana Engineering (HK) Ltd. supplied floodgates to Hong Kong as early as 2008 to protect electrical switch rooms which have high risk of flooding. All of our floodgates installed have survived Super-Typhoons “Hato” in 2017 and “Mangkhut” in 2018.

Our floodgate is of a removable hand held design, made to measure to ensure the highest degree of water tightness. The flood panel is rigid and yet light weight to allow manual handling without the use of tools. It can be set up easily prior to the arrival of a storm at a short time.

Applications： Electrical switch rooms, server rooms, car park entrance, door entrance, public lift entrance, etc.

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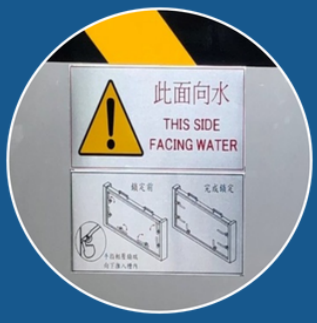
Advantages



- Side Insertion, no need for lifting up and over
- Gasket on single plane only to ensure water tightness
- Quick-action locks to ensure consistent locking pressure
- Light weight & rigid









Technical Data

Material:

- Embedded U-Channel: Stainless Steel Grade 316
- Mullion: Stainless Steel Grade 316
- Floodgate Panel: Frame made of Aluminium Alloy 6063-T5, and Panel made of Aluminium Alloy 3003
- Sealing Gasket: EPDM
- Handle: Zinc Alloy
- Quick-Action Lock: Stainless Steel Grade 316
- Light Weight GRP version available

Installation Hardware:

- Stainless Steel Grade 304 or higher anchor bolt
- Screws of Stainless Steel Grade 316
- Sealant: Weatherproofing sealant for most applications
- Labelling with installation instructions and position on each panel

Storage:

- Protect materials from exposure to direct sunlight
- Panels shall be stored in a ventilated, weather-tight location

Product subjected to changes without prior notice

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Our Design Concept



Deployment

Rapid Single-Person Deployment

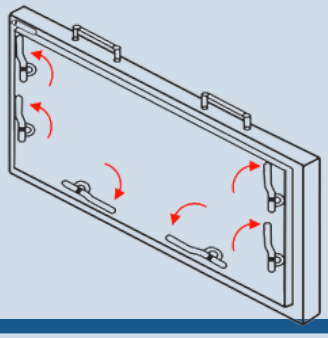
Perfectly balanced low weight with high load resistance, Rapid, single-person deployment.



Locking

Quick-Action Lever System

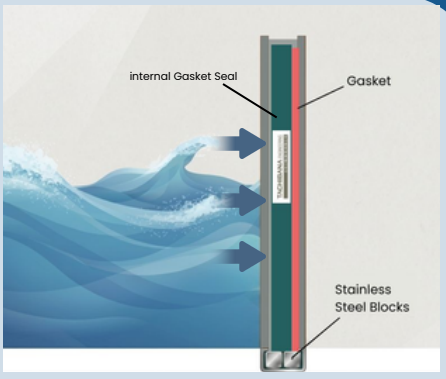
Adjustable, front-pressing quick-action lever guarantees uniform compression.



Sealing

Self-Sealing Hydrostatic Technology

Rising hydrostatic pressure pushes the panel flush against the heavy-duty perimeter seals.



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Job Reference



Double panel floodgate with water prevention hoods installed at CLP Power Substation



Two layer panel floodgate installed at Ocean-view elevator



Two floodgates installed together in Flushing Water Tank and Pump Room



Single panel floodgate installed at staircase entrance of switch room



Floodgate installed at Highway lift pillar box



CLP Power Ting Kau Substation Floodgate
(Installed in 2008, photo 2019)
Floodgate is still in excellent condition and functioning well

Tachibana Engineering (HK) Limited
Tel: +852 9318 1388 Fax: +852 2403 4000 Email: info@te.com.hk
Address: Unit C, 6/F, Reason Group Tower 403 Castle Peak Road, Kwai Chung N.T., Hong Kong