

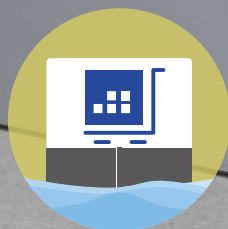
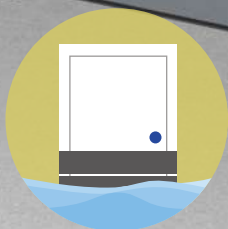
FLOOD GATE

擋水閘

Temporary & Removable Plates

Easy and Quick Deploy

Long Service Life





香港 煌鑫

CHEC GOLD
HONG KONG

CONTENTS

INTRODUCTION 簡介 01

STACKING FLOOD GATE 堆疊式擋水閘 03

SLOT FLOOD BARRIER 槽式擋水閘 05

SWING FLOOD DOOR / GATE 擺動式擋水閘 06

CHEC GOLD



Flood water damage is devastating. Whether it's flash flooding from heavy rain, sewer overflow or storm surge, the effects on buildings and economics can be catastrophic.

After the installation of flood gates, the extent of damage to property facilities during severe weather can be significantly reduced. This not only safeguards the facilities but also helps to lower the costs associated with repairing any damage.

Chec Gold offers flood gates made of stainless steel or aluminum, suitable for subway exits, village house entrances, parking lot access points, and all low-lying areas. These flood gates are available in stainless steel or aluminum options and are designed to be detachable for easy storage and quick deployment. This allows for effective preparation ahead of typhoons, mitigating the flooding risks.

INTRODUCTION

簡介



洪水造成的破壞是毀滅性的，無論是大雨引發的山洪暴發、下水道溢流還是風暴潮，對建築和經濟的影響都可能是災難性的。

安裝防水閘門後有助減低在惡劣天氣下物業設施的受損程度，為物業設施提供保障之餘，亦可減少因維修受損設施的支出。

煌鑫提供不銹鋼或鋁質擋水閘，適用於地鐵出口、村屋門口、停車場出入口等所有低窪地區。可選用不銹鋼或鋁質，可拆式，方便收納隨時使用，可在台風來臨前做好準備，應對水浸風險。

Our steel flood gates are designed to any size. All flood gates can be automatic and push-button operated if required.

我們的擋水閘則可以根據需要定制任何尺寸。所有擋水閘如果需要，都可以實現自動和按鈕操作。

TYPE OF FLOOD BARRIER & GATE

1 STACKING FLOOD GATE

堆疊式擋水閘

Barrier panel formed by stacking 3mm thick aluminum panels height of 350mm each.

閘板由每塊高度為350mm的3mm厚鋁板堆疊而成。

2 FLIP UP FLOOD BARRIER

翻轉式擋水閘

It is stored beneath the ground surface and made up of corrosion-resistant stainless steel.

存放在地表下，採用耐腐蝕的不銹鋼製成。

3 SLOT FLOOD BARRIER

槽式擋水閘

It is made of stainless steel guide and modular aluminum panel which are resistant against corrosion.

它由不銹鋼側導板和耐腐蝕的模組化鋁板製成。

4 SWING FLOOD DOOR / GATE

擺動式擋水閘

The swing flood gate is fully stainless steel designed to withstand any outdoor weather conditions and flood levels up to 3 meters.

擺動式擋水閘完全由不銹鋼製成，可抵抗任何戶外天氣條件和高達 3 米的洪水水位。

STACKING FLOOD GATE

堆疊式擋水閘

The stacking flood gate is easy to install, panel weight is light that can be operated by one person, suitable for any environment installation.

堆疊式擋水閘安裝方便，面板重量輕，可單人操作，適合任何環境安裝。

TECHNICAL DATA 技術參數

MATERIAL 材質

Embedded Ground Support 嵌入式地面支架:
Stainless Steel 316 (Used on uneven surface)
316不銹鋼 (用於不平坦地面)

Side Guides 側柱:
Stainless Steel 不銹鋼

Flood gate Panel 擋水板:
Aluminium Alloy 鋁合金

Sealing Gasket 密封墊片:
EPDM

SIZE 尺寸

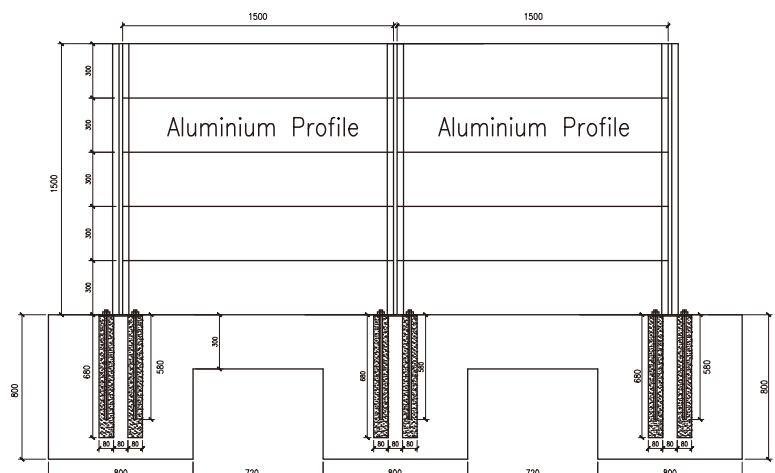
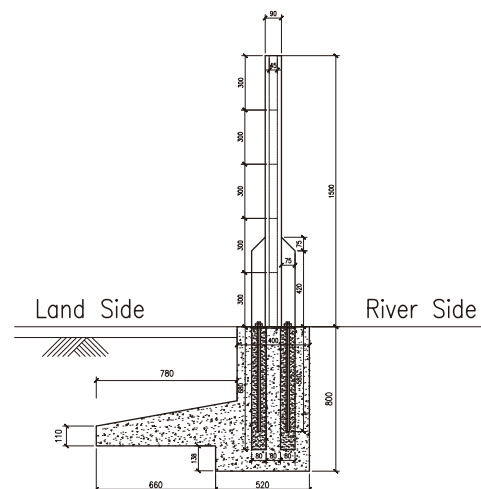
Wall Thickness of Panel 擋板壁厚:
1.5mm 1.8mm 2mm 3mm 4mm

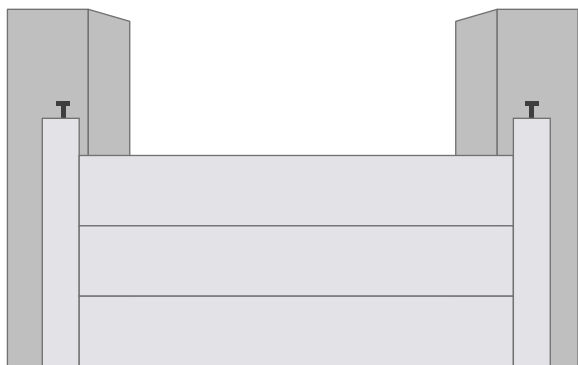
Wall Thickness of Side Post 立柱壁厚:
4mm

Thickness of Side Post 立柱厚度:
90mm

Width of Side Post 立柱寬度:
60mm

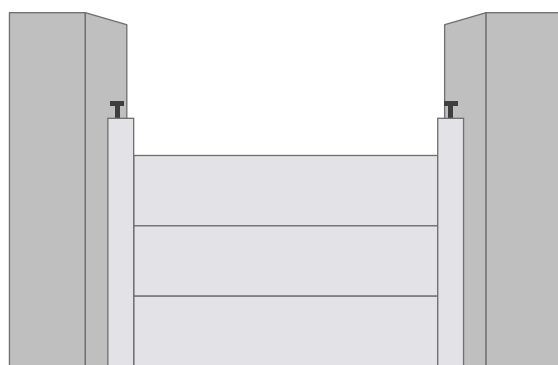
Single Span up to 單跨可達:
8 m (L) x 5 m (H)





Installed on the outside of the wall

安裝於牆外側



Installed on the inside of the wall

安裝於牆內側



- Tight connection, wear-resistant and anti-corrosion
銜接緊密，耐磨防腐



- A joint is integrated between two flood plates, and EPDM waterproof rubber seals is included
兩塊擋水板之間設有承頭相結合，並設有EPDM防水膠條



- The bottom flood plate is equipped with EPDM rubber seal, with a waterproof effect of over 99%
底層擋水板配置EPDM防水膠條，防水效果達99%以上

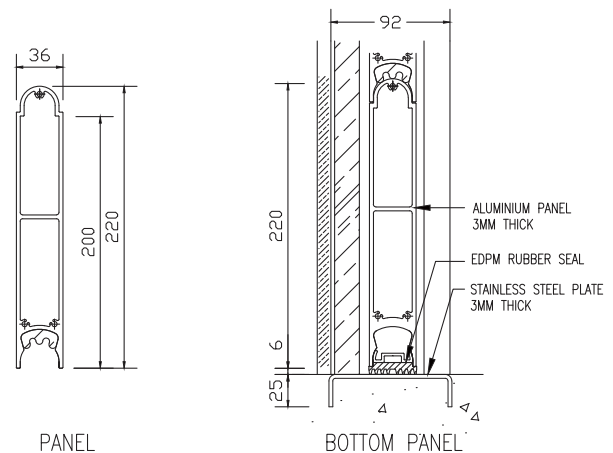


SLOT FLOOD BARRIER

槽式擋水閘

Slot flood barrier is a demountable flood barrier suitable for the protection of apertures in walls or buildings, or to form a continuous linear flood defence incorporating corners and curves.

槽式擋水閘是一種可拆卸的防洪屏障，適用於保護牆壁或建築物的開口，或形成一個連續的線性防洪防線，能夠適應拐角和曲線。



TECHNICAL DATA 技術參數

Barrier Panel 擋水板:

- Formed by slotting 3mm thick aluminum panels height of 250mm each.
- The rubber gasket will be provided at every panel.
- The finishing of the barrier is naturally anodized.
- Light weight making it portable.
- 由3mm厚的鋁板開槽而成，每塊鋁板高度為250mm。
- 每塊面板都配備橡膠墊片。
- 擋水板的表面經過自然陽極氧化處理。
- 重量輕，便於攜帶。

Stainless Steel Side Guides 不銹鋼側導軌:

Sealing locking nuts are fixed together with side guides to ensure the rubber gasket on guides and barrier panel.

密封鎖緊螺母與側導軌固定在一起，以確保導軌和擋水板上的橡膠墊片。

Stainless Steel Handles 不銹鋼把手:

位於每個面板上，用於處理擋水板

Single Span up to 單跨可達:

3.5 m (L) x 2 m (H)

FEATURES 特點

Unlimited Length 不限長度:

Can be break into several span forming a loop
可以分成幾個跨度，形成環路

Modular & Inter-changeable

模塊化與可互換性:

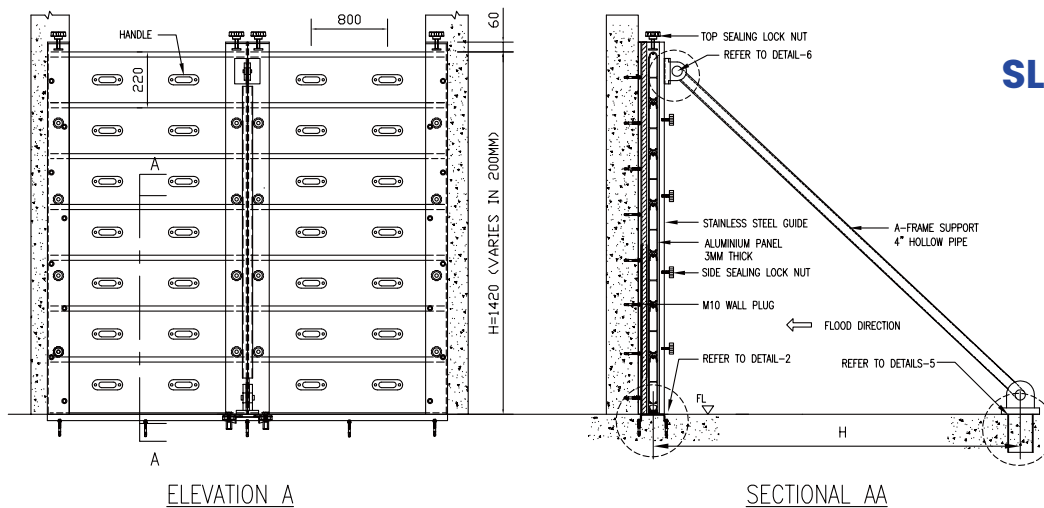
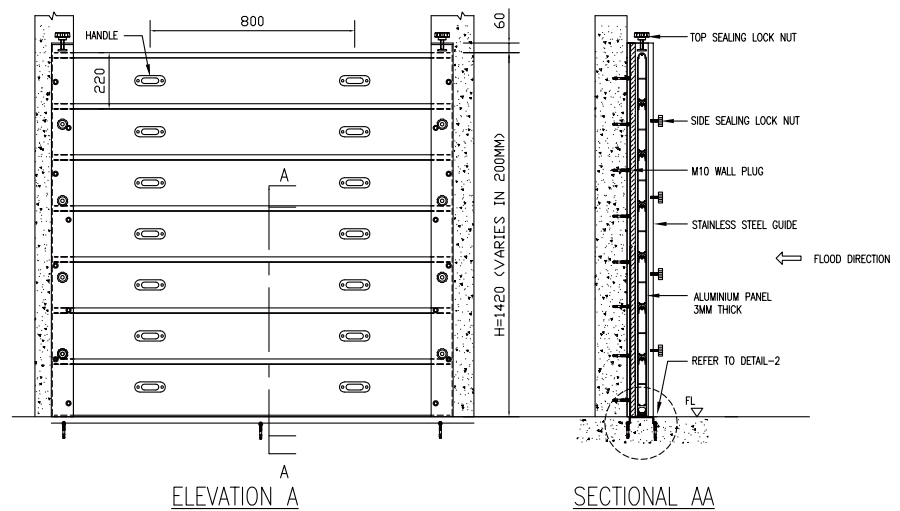
Inter-changeable with other systems e.g.glass wall, swing gates and temporary barrier

模塊化並且可以與其他系統互換，例如玻璃牆、擺動門和臨時障礙物。



SLOT FLOOD BARRIER (1 SPAN)

單跨
槽式擋水閘



SLOT FLOOD BARRIER (2 SPAN)

雙跨
槽式擋水閘



SWING FLOOD DOOR / GATE

擺動式擋水閘

Swing flood door / gate is a safe and practical solution for protecting spaces and homes that are subject to frequent flooding. It is used in perimeter walls or at building apertures.

擺動式擋水閘是保護經常遭受洪水侵襲的空間和房屋的安全且實用的解決方案。用在圍牆或建築開口處。

Produced from stainless steel, the flood gate allows easy manoeuvrability. For use in perimeter walls, the swing gate can be fixed permanently in place in preparation for flooding, simply locking into position when required. The flood gate is also available semi-permanently installed as part of a 'normally-closed' strategy.

擋水閘由不銹鋼製成，易於操作。在圍牆中使用時，擺動門可以永久固定在適當的位置，為洪水來臨做準備，只需在需要時鎖定到位。擋水閘門亦可作為「常閉」策略的一部分，半永久性安裝。

TECHNICAL DATA 技術參數

Barrier Door 閘門:

The door leaf is made of stainless steel with a thickness of 3.0mm, and a stainless steel square tube is used inside to strengthen the skeleton.

門扇採用不銹鋼材質，厚度3.0mm，內部採用不銹鋼方管加強骨架。

Door Frame 門框:

They consist of 'L' shaped profile with customized hinges and rubber seals around the edge of opening for the barrier door to close against it.

它們由“L”形型材組成，開口邊緣帶有定制的鉸鏈和橡膠密封條，以便閘門能夠緊閉。

Sealing Pin 密封梢

Sealing pin shall be activated by sealing handle to lock the door in place to ensure water tightness.

密封梢應由密封手柄啟動，將門鎖定到位，以確保水密性。

Sealing Handles 密封手柄:

Sealing handles shall be made from stainless steel and located near the center of the barrier door.

密封手柄由不銹鋼製成並閘門的中心附近



The swing flood doors and gates from the Chec Gold are made to measure, the method of construction and the seal compression system guarantees excellent resistance to flooding.

煌鑫的擺動式擋水閘是量身定制的，其施工方法和密封壓縮系統保證了出色的防洪能力。



CHEC GOLD ENGINEERING CO., LIMITED
煌 鑫 工 程 有 限 公 司

Unit B, 9/F
Worldwide Centre
123 Tung Chau Street
Tai Kok Tsui
Kowloon
Hong Kong
香港九龍大角咀通州街123號國貿中心9樓B室

Building 1, No.6
Jinhai 1st Road
Xiegang Town
Dongguan City
Guangdong Province
P.R. China
中國廣東省東莞市謝崗鎮金海一路6號1棟

Tel: +852-29811161
Phone: +852-92999655 +852-92992995
E-mail: contact@checgold.com
Web: www.checgold.com