

Bespoke to Any Size

Retrofit or New-Build

Emergency Exit Ready

ISO 12944 C4 Coating

Resilient Ventilation

PRODUCT SPECIFICATION

Flood Resilient Kiosk

Bespoke Steel Walk-In Flood Enclosure — Model MME-FK02



Key Features

- Bespoke Enclosure**
 Engineered to any footprint and height — new-build or retrofitted around an existing kiosk on site
- Flood Doors**
 Single or double-leaf flood doors with self-throwing spring shoot-bolts and removable centre post
- Watertight Seals**
 Continuous EPDM compression seals around the full perimeter — watertight on closing
- Emergency Egress**
 Optional internal push/panic-bar hardware for safe escape under occupancy
- Resilient Ventilation**
 High-level louvre vents with insect mesh and security shroud, set above the flood resilience line; optional powered fan
- Access Hatch**
 Optional flood-resilient access hatch (e.g. 300 × 300mm clear opening) for routine serviceability
- Steel Construction**
 4mm folded mild steel S275 wall and roof panels with removable M20 lifting eyes
- Protective Coating**
 Protective coating system to ISO 12944 C4, blast cleaned to SA 2½, finished in any RAL colour

CONSTRUCTION

 4mm S275
 Folded Steel

SEAL

 EPDM
 Compression

COATING

 ISO 12944
 C4

VENTILATION

 Louvre
 Insect Mesh

LOCKING

 Multi-Point
 Surelock McGill

HANDLING

 Lifting Eyes
 Removable

MM Engineering

Unit 4B Sirius Drive, Baglan Energy Park, Port Talbot SA12 7BR

Technical Specification

The MM Engineering Flood Resilient Kiosk (MME-FK02) is a bespoke, walk-in steel enclosure that keeps substations, pumping equipment and control assets dry and operational during a flood event. Each kiosk is designed, fabricated, painted and installed by MME — and can be built around an existing kiosk in situ — to suit the client's footprint, flood resilience height and access requirements.

ITEM	SPECIFICATION
Construction	4mm folded mild steel S275 wall and roof panels
Doors	Single or double-leaf flood doors; removable centre post for full clear opening
Door Frame	Folded steel flood-door frame with integrated seal blade and threshold
Seals	EPDM compression seals — continuous perimeter, watertight on closing
Shoot Bolts	Automated spring-loaded shoot bolts, self-throwing on close
Hinges	Stainless steel piano hinge, full leaf height
Locking	Multi-point mechanism (Surelock McGill) — internal handle with external lock & handle
External Security	LEO lock arrangement, configurable for client padlock (e.g. Abloy)
Emergency Exit	Optional internal push/panic-bar hardware for egress
Ventilation	High-level louvre vents c/w internal insect mesh & security shroud; optional powered vent fan
Flood Resilience Height	Set to underside of vent opening — project-specific (e.g. 2000–2050mm)
Access Hatch	Optional flood-resilient access hatch, e.g. 300 × 300mm clear opening
Lifting	Removable lifting points c/w M20 lifting eyes
Sealant	Everbuild PuraFlex 40 polyurethane to all kiosk and base joints
Base & Fixing	Anchored to existing or extended RC base slab; optional anti-flotation slab
Protective Coating	Coating system to ISO 12944 C4; blast cleaned to SA 2½
Colour	Any RAL / BS colour (e.g. BS 14 C 39 Hollybush Green)
Installation	Assembled & sealed on site by MME-trained installers

Engineering & Quality

Every kiosk is designed and detailed by MME's in-house engineering team and manufactured under our quality management system at Port Talbot. Designs are developed to suit client and utility technical specifications, including water company, DNO and National Grid standards where applicable.

A full documentation pack is provided: general arrangement drawings, material specifications, paint inspection records, and an operation & maintenance manual covering both flood and non-flood operation.

Built Bespoke to Your Site

Every kiosk is made to order. We survey, design, fabricate, paint, test and install — including retrofitting around live, existing equipment — as a complete single-source solution.

[Contact us for a same-day quote](#)