

LPS 1175 C5 Certified

LPCB Approved

Ramor 500 Armour

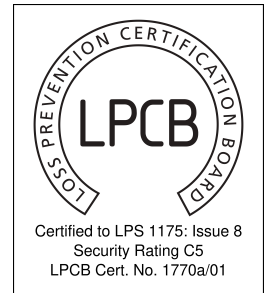
Flood & Security

Range of Sizes

PRODUCT SPECIFICATION

Security Flood Door

LPS 1175 C5 Intruder-Resistant Flood Protection — Single & Double Leaf



Key Features

- **LPS 1175 C5 Certified**
 Independently tested and LPCB-certified to Security Rating C5 (SR3) — Cert. No. 1770a/01
- **Ramor 500 Armour Steel**
 4.25mm Ramor 500 hardened armour plate resists drilling, cutting and lock-manipulation attacks
- **Dual Flood & Security Rating**
 Combines watertight flood defence with certified intruder resistance in a single doorset
- **Multi-Point Locking**
 Surelock McGill Slimline two-point system with GSS3 cylinder guard and hardened blocking points
- **Structural Steel Matrix**
 3mm S275 sheet over 50x50x3 RHS box-section matrix for stiffness and attack resistance
- **EPDM Compression Seals**
 Continuous perimeter compression seals provide a watertight closure under flood head
- **Single, Double & Dual Access**
 Single or double leaf, with optional integrated wicket leaf for everyday dual access
- **Emergency Exit Options**
 Panic bar and push pad hardware available with full-width Ramor 500 reinforcement

SECURITY

 LPS 1175 C5
(SR3)

CERTIFICATION

 LPCB
1770a/01

ARMOUR

 Ramor 500
4.25mm

CONSTRUCTION

 S275 / S235
Mild Steel

SEAL

 EPDM
Compression

LOCKING

 Surelock McGill
Multi-Point

MM Engineering

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

Technical Specification

The MM Engineering Security Flood Door brings together certified intruder resistance and proven flood defence in a single bespoke doorset. Each door is engineered and fabricated at our Port Talbot facility and has been independently tested and LPCB-certified to LPS 1175: Issue 8 Security Rating C5 (SR3).

ITEM	SPECIFICATION
Security Rating	LPS 1175: Issue 8 — Security Rating C5 (SR3), LPCB certified
Certification	LPCB Certificate No. 1770a/01 — BRE Global tested and assessed
Construction	Mild steel S275 / S235 — 3mm folded sheet on RHS box-section matrix
Security Armour	4.25mm Ramor 500 hardened armour steel in the locking region
Frame	3mm folded 'P' profile frame with integrated seal groove
Leaf Matrix	50x50x3 & 50x30x3 RHS box section, continuous fillet welded
Insulation	50mm Dritherm 37 mineral wool cavity fill
Seals	EPDM compression seals — continuous perimeter
Hinges	Heavy-duty stainless steel bullet hinges with hinge shrouds
Locking	Surelock McGill Slimline two-point (active) / Tyne single-point (wicket)
Cylinder Protection	GSS3 / GMS3 cylinder guards; LPCB-listed cylinders (Abloy, ASSA, Kaba, etc.)
Passive Leaf	Three Good Hand toggle clamps with locking pins; removable centre post
Emergency Exit	Optional panic bar / push pad with full-width Ramor 500 reinforcement
Paint System	2-pack epoxy, blast cleaned to SA 2.5; any RAL colour
Size Range	Single 0.75–1.3m W; double 1.3–2.6m W; 2.0–2.9m H
Fixings	M10 through-bolt anchors to structural substrate
Installation	Supplied, installed and commissioned by MM Engineering

Certification & Quality

The Security Flood Door has been independently tested and assessed by BRE Global and is LPCB-certified to LPS 1175: Issue 8 Security Rating C5 (SR3) under Certificate No. 1770a/01. Attack testing confirmed the 4.25mm Ramor 500 armour resisted drilling and lock-manipulation attacks for the full classification period.

Full documentation pack provided: structural calculations, material certificates, BRE Global test and assessment reports, paint inspection records, and O&M manual.

Built Bespoke to Your Requirements

Made to order within the certified size range, in single, double, or dual-access configuration. We design, fabricate, paint, test, and install — a complete single-source solution.

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

