

MADE IN
BRITAIN



**Steel Doors
Product Guide
2020**



PROFAB

WALL ACCESS

TUFF-DOR

LPS 1175 Certified
Security Doors

ROBUST

TUFF-DOR2

TESTED TO
LPS 1175 SR2

TUFF-DOR3

TESTED TO
LPS 1175 SR3

TUFF-DOR4

TESTED TO
LPS 1175 SR4

GLAS-DOR

PRO-OUTA-DOR

PRO-INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE
& FINISHES



LPS 1175 Cert/1 Product 1070A

Secured by Design



Official Police Security Initiative

TUFF-DOR

LPS 1175 Certified Steel Security Doors



LPS 1175 Cert/LPCB ref. 1070A



The Robust UK TUFF-DOR is a fully certified LPS 1175 security doorset designed to offer an enhanced level of security for a wide range of premises, from domestic or light commercial premises through to those at high risk of attack by experienced intruders.

The doors are specially constructed to individual project requirements and each door has internal reinforcement designed to resist sustained attack from a wide range of tools. TUFF-DOR is approved by Secured by Design.

> VERSIONS

We offer three versions – each providing increased security:

TUFF-DOR2

Tested to
LPS 1175 SR2
Up to **3 minutes** of resistance to opportunist attempts at forced entry of protected premises using a range of mechanical tools including: screwdriver, levers, spanner, bolt cutters, claw hammer, drill, shears, etc.

TUFF-DOR3

Tested to
LPS 1175 SR3
Up to **5 minutes** of resistance to determined attempts at forced entry of protected premises using a wide range of tools including: cordless tools, short axe, cold chisels, crow bar, brick bolsters, gas torch, etc.

TUFF-DOR4

Tested to
LPS 1175 SR4
Up to **10 minutes** of resistance to experienced attempts at forced entry using a wide range of tools including: high powered cordless tools, felling axe, sledgehammer, power drill, disc grinder, jigsaw, etc.

> LOCKS AND HARDWARE

ROBUST UK TUFF-DOR is tested with a wide range of hardware offering both personnel and fire escape functionality. Fire escapes can be fitted with hardware compliant with BS EN 1125 or BS EN179.

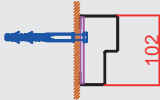
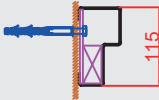
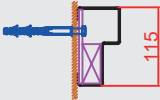
TUFF-DOR is regularly tested to update available hardware. A list of tested hardware can be found at <http://www.redbooklive.com/search/companylist.jsp?companyid=1783>

> DOOR LEAF

TUFF-DOR2 | **TUFF-DOR3** | **TUFF-DOR4**

Production Sizes:			All TUFF-DOR doors are custom made.		
Single Doors Latched:	Max Width	mm	1250	1300	1300
	Max Height	mm	2600	2500	2500
Double Doors:	Max Width	mm	2500	2500	2500
	Max Height	mm	2600	2500	2500
Thickness:		mm	46	59	61
Material:			Aluzinc	Aluzinc	Aluzinc
Infill:			Honeycomb/ Mineral Wool	Solid Timber	Solid Timber
Construction:			Welded	Welded	Welded
All TUFF-DORs contain additional internal reinforcement in strategic locations to enhance attack resistance.					

> DOOR FRAME

Frame width:	mm	102	115	115	
Material:			Aluzinc	Aluzinc	Aluzinc
Construction:			Bolted	Welded	Welded
Profile:					

> SITE INSTALLATION

Strike:	mm	4	3	3
Hinge:	mm	4	13	13
Meeting Stile:	mm	5	5	5
Head:	mm	3	3	3
Floor:	mm	7	5	5

NOTE: For the doors to operate correctly it is imperative that the clearance at both the strike side on single doorsets and meeting stile on double doors is achieved and maintained as detailed in the table overleaf.

> MANUAL HANDLING

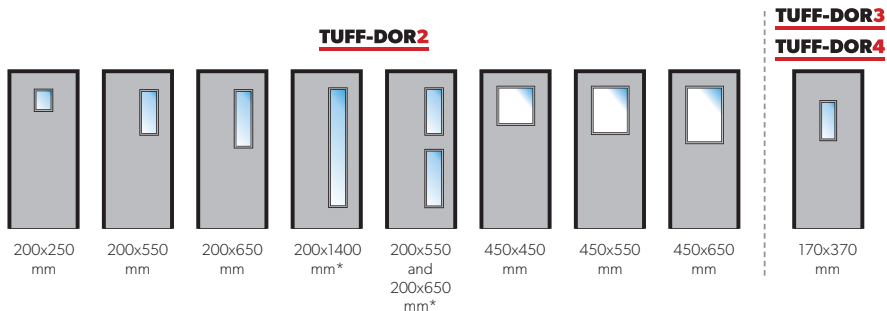
While the TUFF-DOR2 leaves, weighing approx 100kg, can be manually handled with a minimum of 4 operatives on site, all other doors in the range require mechanical means to distribute and install.

> WALL CONSTRUCTION

The opening must be fully formed from a material with sufficient composition strength to withstand a minimum load/fixing of $7N/nm^2$ (such as concrete or brick). Aerated concrete is NOT RECOMMENDED and hollow brick / block should only be considered if suitably backfilled with materials that will provide adequate strength ($7N/nm^2$) to take the frame fixings.

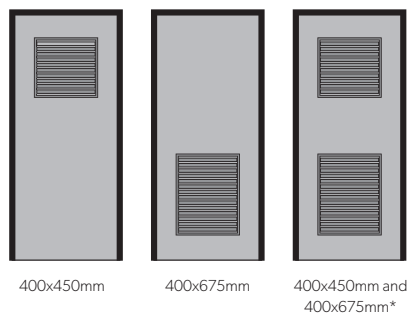
> VISION PANELS

A limited range of vision panel and louvre options are available in tested configurations



> LOUVRES AND GRILLS

All louvre and grill options can be used with double door sets.



*Not permitted with panic hardware



FINISHES

> STANDARD COLOUR FINISHES

All doors are supplied with a choice of polyester powder coatings from our Standard PPC Colour Range (see chart on page 59).



> OPTIONAL FINISHES

We also offer a range of optional finishes to fit your exterior or interior application.



Polyester Powder Coated from Non-Standard Colour Range



PVC Laminate from Standard Range



Stainless Steel Brushed, Polished or Patterned



Unfinished for site finishing



Notes

GLAS-DOR

PRO-OUTA-DOR

PRO-INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE & FINISHES