TUFF-DOR

LPS 1175 Certified Security Doors

TUFF-DOR2.1

TESTED TO
LPS 1175 SR2

TUFF-DOR3

TESTED TO
LPS 1175 SR3

TUFF-DOR4

TESTED TO
LPS 1175 SR4

AsPro
Crest
08448
731512

LOSS PREVENTION CERTIFICATION BOARD
LPCB

Secured by Design
SBD
Official Police Security Initiative

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE
& FINISHES

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

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TUFF-DOR

LPS 1175 Certified Steel Security Doors

LPS 1175 Cert/LPCB ref. 1070A

Secured by Design

SBD

Official Police Security Initiative

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-DOR2.1	**TUFF-DOR3**	**TUFF-DOR4**
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.	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.	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 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.

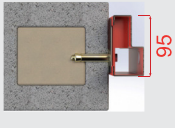TUFF-DOR is regularly tested to update available hardware. A list of tested hardware can be found at http://www.redbooklive.com/search/companylist.jsp?companyid=1783

ROBUST Steel Door Solutions

SALES: 01782 592900 | e: sales@robust-uk.com

> DOOR LEAF

		TUFF-DOR2.1	**TUFF-DOR3**	**TUFF-DOR4**
Production Sizes:		All TUFF-DOR doors are custom made.		
Single Doors Latched:	Max Width mm	1410	1300	1300
	Max Height mm	2750	2500	2500
Double Doors:	Max Width mm	2520	2500	2500
	Max Height mm	2750	2500	2500
Thickness:	mm	55	59	61
Material:		Magnelis	Aluzinc	Aluzinc
Infill:		Honeycomb/ Mineral Wool	Solid Timber	Solid Timber
Construction:		Mechanically fixed	Welded	Welded
		All TUFF-DORs contain additional internal reinforcement in strategic locations to enhance attack resistance.		

> DOOR FRAME

		TUFF-DOR2.1	**TUFF-DOR3**	**TUFF-DOR4**
Frame width:	mm	95	115	115
Material:		Magnelis	Aluzinc	Aluzinc
Construction:		Bolted	Welded	Welded
Profile:		95	115	115

> SITE INSTALLATION

		TUFF-DOR2.1	**TUFF-DOR3**	**TUFF-DOR4**
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.

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> MANUAL HANDLING

While the TUFF-DOR 2.1 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.
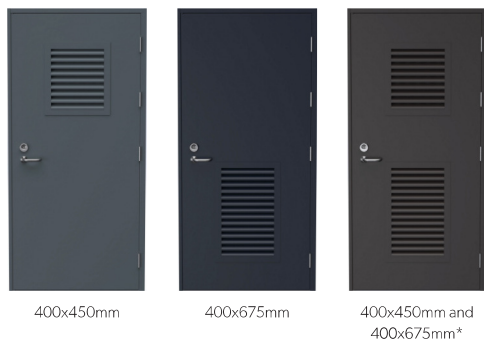
> VISION PANELS

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

TUFF-DOR2.1

TUFF-DOR3
TUFF-DOR4

| 200x250 mm | 200x550 mm | 200x650 mm | 200x1400 mm* | 200x550 and 200x650 mm* | 450x450 mm | 450x550 mm | 450x650 mm | 170x370 mm |

> LOUVRES AND GRILLS

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

400x450mm   400x675mm   400x450mm and 400x675mm*

*Not permitted with panic hardware

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