

# Robust TUFF-DOR Brochure



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MON - FRI 8:00AM - 5:00PM

# 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

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE & FINISHES



Secured by Design



Official Police Security Initiative

# TUFF-DOR

## LPS 1175 Certified Steel Security Doors



LPS 1175 Cert/LPCB ref. 1070A

Secured by Design



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**

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 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>

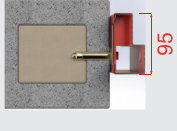


## &gt; DOOR LEAF

**TUFF-DOR2.1****TUFF-DOR3****TUFF-DOR4****Production Sizes:**

All TUFF-DOR doors are custom made.

<b>Single Doors Latched:</b>	Max Width	mm	1410	1300	1300
	Max Height	mm	2750	2500	2500
<b>Double Doors:</b>	Max Width	mm	2520	2500	2500
	Max Height	mm	2750	2500	2500
<b>Thickness:</b>		mm	55	59	61
<b>Material:</b>			Magnelis	Aluzinc	Aluzinc
<b>Infill:</b>			Honeycomb/ Mineral Wool	Solid Timber	Solid Timber
<b>Construction:</b>			Mechanically fixed	Welded	Welded
All TUFF-DORs contain additional internal reinforcement in strategic locations to enhance attack resistance.					

## &gt; DOOR FRAME

<b>Frame width:</b>		mm	95	115	115
<b>Material:</b>			Magnelis	Aluzinc	Aluzinc
<b>Construction:</b>			Bolted	Welded	Welded
<b>Profile:</b>					

## &gt; SITE INSTALLATION

<b>Strike:</b>		mm	4	3	3
<b>Hinge:</b>		mm	4	13	13
<b>Meeting Stile:</b>		mm	5	5	5
<b>Head:</b>		mm	3	3	3
<b>Floor:</b>		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-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<sup>2</sup> (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<sup>2</sup>) to take the frame fixings.

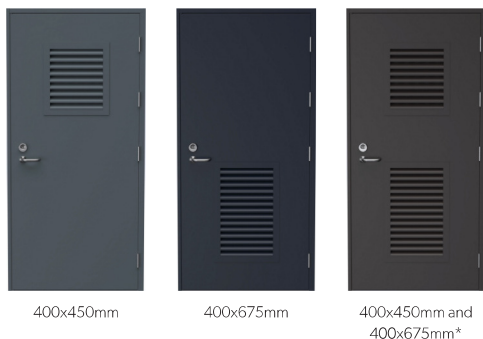
## > VISION PANELS

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



## > LOUVRES AND GRILLS

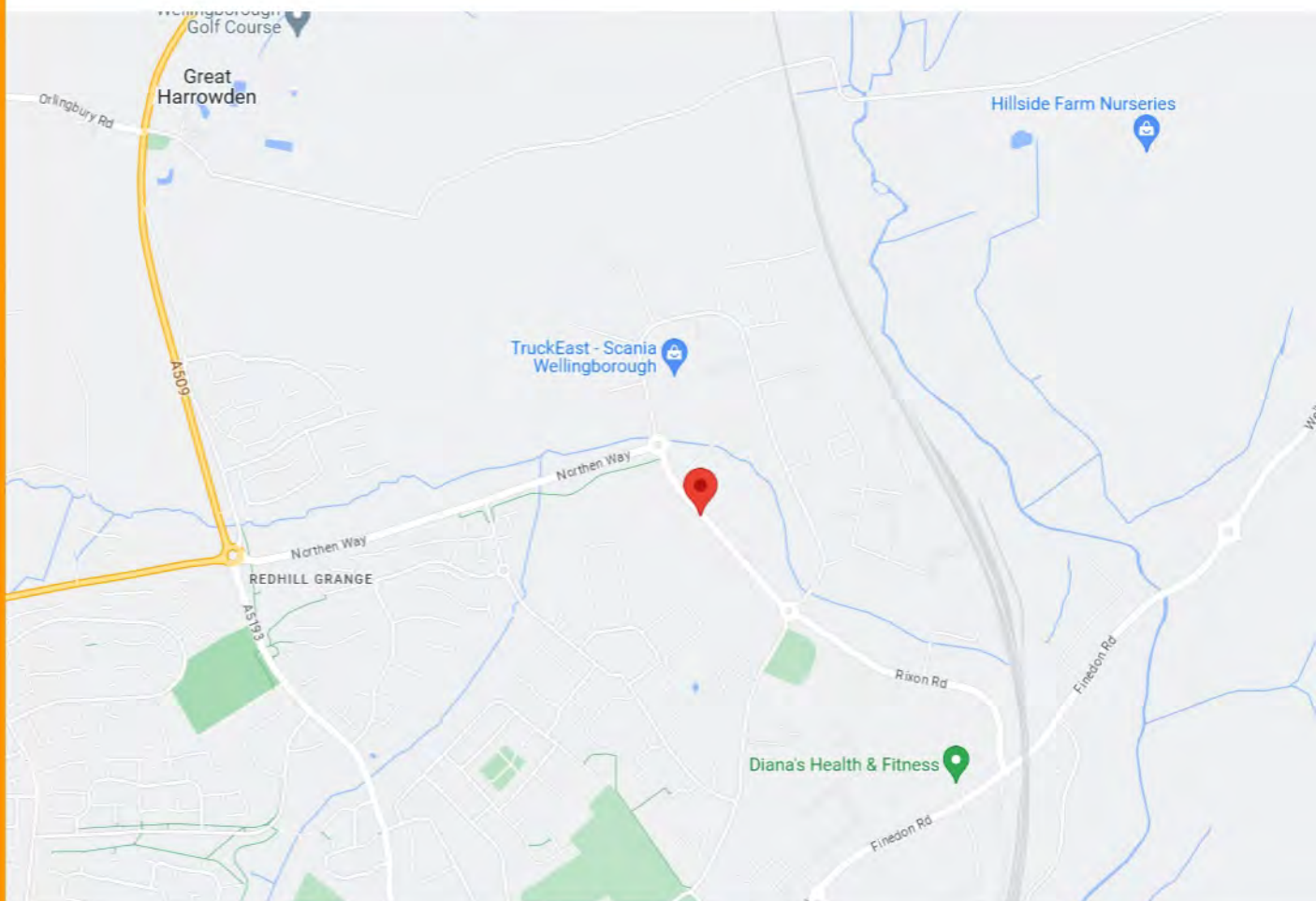
All louvre and grill options can be used with double door sets.



\*Not permitted with panic hardware



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