TUFF-DOR 2.1

CERTIFIED STEEL SECURITY DOORS

LPS1175 SR2 CERTIFIED

AVAILABLE FIRE RATED

10

UP TO 10 YEARS WARRANTY



LPCB LOSS PREVENTION CERTIFICATION BOARD
UKAS MANAGEMENT SYSTEMS 0007
Assessed to ISO 9001:2015
Cert/LPCB ref 1070

Secured by Design
SBD
Official Police Security Initiative

SECURITY DOORS DIRECT

TUFF-DOR 2.1

A SECURITY DOOR MADE TO LAST

WHAT IS TUFF-DOR 2.1?

TUFF-DOR 2.1 is LPS 1175 (SR2 Issue 8) certified and Secured by Design accredited, offering enhanced security against potential intruders.

Constructed from Magnelis® steel for superior corrosion resistance, **TUFF-DOR 2.1** features additional internal reinforcement in strategic locations to enhance attack resistance and door strength, whilst remaining light enough not to require mechanical handling on site.

Not just intruder resistant, **TUFF-DOR 2.1** is also available fire resistant up to 60 minutes to certain specifications. The range is tested with a wide selection of hardware to offer personnel and fire escape functionality to BS EN 1125 or BS EN 179 - truly protecting people & property!

Assessed to ISO 9001:2015
Cert/LPCB ref 1070

Secured by Design
Official Police Security Initiative

Available in single and double doorsets, we can also manufacture **TUFF-DOR 2.1** from stainless steel for applications that demand it - please speak to our estimators for further information.



APPLICATIONS

TUFF-DOR 2.1 has been specifically designed for use in a wide range of domestic or light commercial premises that require protection beyond that of a standard steel door.

Examples include warehousing; retail back-of-house; schools; universities; leisure centres; and public buildings and offices.

CERTIFIED SECURITY DOORS

LPS 1175 (SR2 Issue 8) certified and Secured by Design accredited, **TUFF-DOR 2.1** provides demonstrable enhanced security.

10 YEAR WARRANTY

TUFF-DOR 2.1 is available with up to 10 years anti-corrosion warranty when manufactured using Magnelis® steel.*

* Warranty duration differs if door is located in a C4 or C5 environment.

AVAILABLE FIRE RATED

Single doorsets within a set specification can be fire rated for 60 minutes on request.

FD60 SPECIFICATION

Doorset:	Single.
Leaf:	Plain - no vision panels or louvres.
Hardware:	Mico modular MD4 lock.
Max frame size:	1180mm (w) x 2300mm (h).
Side/over panels:	None.

SPECIFICATION

WHY CHOOSE TUFF-DOR 2.1?



Security rated, fire rated, and corrosion resistant, **TUFF-DOR 2.1** combines versatility, performance and style.

Every door is custom-built to your specification, and is available with a broad range of compatible hardware, plus vision panels if not fire rated.

Not sure what you need? Our estimators will be happy to help build your specification, whether it's for a single door or larger project.

OVERVIEW











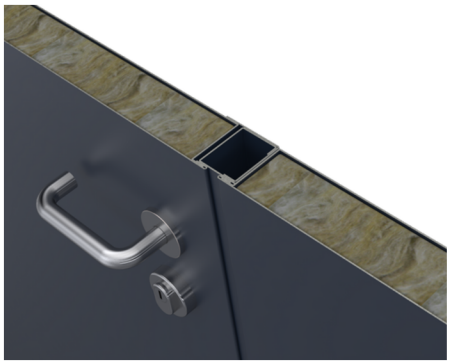
Material	Leaf: 1.5mm Magnelis® Frame: 1.5mm Magnelis® Stainless steel option also available.
Thickness	55mm
Vision Panels	Yes., if not fire rated.
Louvres	Not available.
Side Panels	Not available.
Over Panels	Not available.
Hardware	Selected manual and electronic locks and panic hardware. Range of door closers & limit stays available.
Frames	C frame (95-300mm wide).
Warranty	10 years in C3 / non-corrosive environments. 5 years and 3 years respectively in C4 & C5 areas.

SPECIFICATION

TUFF-DOR 2.1

TUFF-DOR 2.1 is manufactured with a mineralwool infill to the leaf, with integral internal reinforcement based on the locking requirement.

Please note that your choice of hardware will determine the maximum sizes and placement of vision panels in your (non fire rated) **TUFF-DOR 2.1**.



LEAF	NON-FR	FD60
Infill	Mineralwool with integral internal reinforcement	Mineralwool with integral internal reinforcement
Vision Panels	Yes - single or multiple Max dims affected by hardware choice	Not available
Louvres	Not available	Not available

STRUCTURE	NON-FR	FD60
Min. Dimensions *	Single: 520mm (w) x 510mm (h) Double: 940mm (w) x 510mm (h)	Single: 520mm (w) x 510mm (h) Double: not available
Max. Dimensions *	Single: 1410mm (w) x 2750mm (h) Double: 2520mm (w) x 2750mm (h)	Single: 1195mm (w) x 2305mm (h) Double: not available
Frame Infill	Mineralwool	Mineralwool
Side Panels	Not available	Not available
Over Panels	Not available	Not available

CERTIFICATION	NON-FR	FD60
Security	LPS 1175 SR2 Issue 8	LPS 1175 SR2 Issue 8
Fire Rating	None	60 minutes (to BS EN 1364-1)

The above is a broad outline of the scope of **TUFF-DOR 2.1**, and is applicable to both single and double doorsets unless stated otherwise.

Please contact our estimators with your requirements for a detailed specification.

* Dimensions refer to structural opening.

AFTER CARE

TUFF-DOR 2.1

WARRANTY

TUFF-DOR 2.1 is manufactured from Magnelis® as standard to provide industry-leading corrosion resistance. Therefore, it is warrantied against corrosion dependent on the environment (as defined under BS EN 12944) as follows:

10 YEARS

C3 LOCATIONS

All areas not classified as C4 or C5.

5 YEARS

C4 LOCATIONS

Coastal towns or islands 300m to 2000m from the sea.

3 YEARS

C5 LOCATIONS

Marine environments within 300m of the sea.

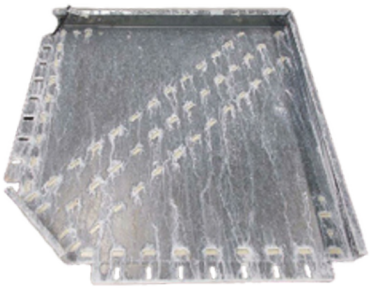
If your **TUFF-DOR 2.1** is to be installed in a C4 or C5 location, then this **must** be declared when requesting a quotation to ensure that upgraded hardware and apertures are specified.

Please note that C4 and C5 PPC finishes provide additional environmental protection, but do not extend the overall anti-corrosion warranty.

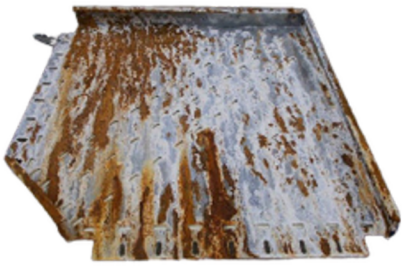
All mechanical elements of your door – including hardware - are warrantied for 5 years.

TUFF-DOR 2.1 can also be manufactured from stainless steel, which may impact your corrosion warranty duration. For further details, please contact our estimators or see our full warranty document which is available on request.

ABOUT MAGNELIS®



Magnelis®



Galvanised Steel

Pictured here are the results from our 1000 hour salt spray test, comparing Magnelis® alongside galvanised steel.

The results are clear; Magnelis® resists corrosion for much longer than standard galvanised products, which is reflected in our unrivalled 10 year anti-corrosion warranty.

So, how does it work? Magnelis® is a metallic coating with a unique composition of aluminium and magnesium. It forms a very dense, stable, and durable layer of protection, which prevents the underlying steel from coming into contact with the ambient environment. It therefore gives all shaped steel the same level of protection as flat surfaces.

Magnelis® is used as the base material for a number of our other doors, including **OUTA-DOR**, **INNA-DOR**, and **SECUR-DOR 2.1** - please ask our estimators if you'd like more information about any of these products.