

# TUFF-DOR 2.1

## ROBUST

### DATA SHEET

#### LEAF

Thickness:	55mm.
Material:	1.5mm Magnelis® Stainless steel available on request.*
Infill:	Mineralwool with integral internal reinforcement based on locking requirement.
Construction:	Two 1.5mm sheets mechanically fixed together, by bonding two steel skins to the core.
Opening:	Outward.

#### CONFIGURATIONS

Vision Panels:	Yes - single or multiple on non-FR doors only. Maximum size depends upon hardware option.
Louvres:	Not available.
Side Panels:	Not available.
Over Panels:	Not available.
Hardware:	Manual locking. Electric locking. Emergency escape. Range of door closers & limit stays available - ask for details.

#### FRAME

Profile:	C frame (95-300mm wide).
Material:	1.5mm Magnelis®
Infill:	Mineralwool.
Hinges:	Arrone AR8186.
Frame Extensions:	Supplied as standard to provide additional protection to the fixings against jemmys and to accommodate site tolerances of -0mm/+15mm to each side.

#### STRUCTURAL OPENING

	Min width	Max width	Min height	Max height
Single	520mm	1410mm	510mm	2750mm
Double	940mm	2520mm		

#### CERTIFICATION

Security:	LPS 1175 SR2 Issue 8
Fire resistance:	60 minutes within set specification; single door, no apertures, with Mico modular MD4 lock, max 1195 x 2305mm (structural opening).

#### WARRANTY

C3 areas:	10 years.
C4 areas:	5 years.
C5 areas:	3 years.
Hardware:	5 years.

\* Warranty duration may be affected by a stainless steel material specification - please ask for details.