



Heavy Duty Doorsets

High specification single, double and bi-fold steel industrial doorsets designed and produced for commercial and industrial applications.



INDUSTRIAL



VENTILATION



Applications

- Sub-stations
- Plant rooms
- Transformer chambers
- Oil stores
- Pump rooms
- Gas cylinder storage
- Bin stores



Heavy Duty Doors

General Features

- Strong all-steel construction
- Maintenance free hinges.
- Through-frame or 3-hole fixing options available.
- Available as single or multi-leaf doorset.
- Operational flexibility - different locking options available.
- Plain or louvred door leaves and overpanels.
- Powder coated as an option.
- Choice of frame profiles.

Construction

All leaves are made from 6mm thick steel plate with louvre blades, if required, formed from 2.5mm thick steel welded in.

Approximate weights:

Leaf: 90kg

Single frame: 40kg

Double frame: 68kg

Finish

All doors are finished in zinc phosphate primer.

Fitting

Non-standard sizes can be manufactured to suit site requirements (see chart opposite).

Single doors can be right or left hand hung.

Double doors can be right or left hand active leaf.

Clearances are deducted in manufacture to ensure fit.

If the threshold is not sitting on the slab edge, a step of 150mm will be required.

Door Furniture

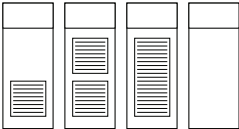
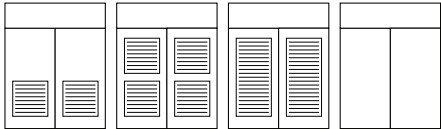
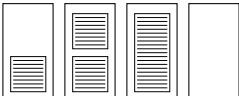
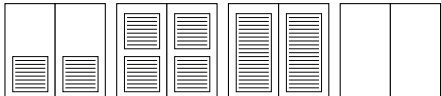
For a plant access door with no external entry an internal hasp and staple and dropbolts are recommended.

If panic escape is required a full width panic bar or push pad can be fitted with external entry via Sunray 6000 hasp and staple.

For increased security a 3-point locking system with padlockable handle can be used.

Other variations may be provided on request.

Standard structural opening sizes (mm)

HD/0001 50 x 50 x 6 steel angle to jambs and threshold with 50 x 10 flat to head on doors with overpanels.	Single with removable overpanel 808 wide x 2475 high  S A B C	Double with removable overpanel 1585 wide x 2475 high  T D E F
HD/0002 50 x 50 x 6 steel angle frame to all four sides.	Single 808 wide x 2135 high  X G H J	Double 1585 wide x 2135 high  Y K L M

Other sizes are available to special order.

Heavy Duty Door dimensions (mm)

NO OVERPANEL		Structural Opening		Frame		Leaf		
		Width	Height	Width	Height	Width		Height
						Active	Passive	
Single	Min	470	1010	460	1000	443*	N/A	978
	Max	1280	2520	1270	2510	1253	N/A	2488
Leaf & 1/2	Min	1240	1010	1230	1000	774	436*	978
	Max	2050	2520	2040	2510	774	1246	2488
Double	Min	910	1010	900	1000	440*	440*	978
	Max	2520	2520	2510	2510	1245	1245	2488
Triple	Min	1690	1010	1680	1000	774	441*	976
	Max	3300	2520	3290	2510	774	1246	2486
4 Leaf	Min	2460	1010	2450	1000	774	437*	976
	Max	4070	2520	4060	2510	774	1242	2486

WITH OVERPANEL		Structural Opening		Frame		Leaf			Overpanel	
		Width	Height	Width	Height	Width		Height	Width	Height
						Active	Passive			
Single	Min	470	2250	460	2240	443*	N/A	2032	370	150
	Max	1280	4000	1270	3990	1253	N/A	2032	1180	1900
Leaf & 1/2	Min	1240	2250	1230	2240	774	436*	2032	1140	150
	Max	2050	4000	2040	3990	774	1246	2032	1950	1900
Double	Min	910	2250	900	2240	440*	440*	2032	810	150
	Max	2520	4000	2510	3990	1245	1245	2032	2420	1900
Triple	Min	1690	2250	1680	2240	774	441*	2032	1590	150
	Max	3300	4000	3290	3990	774	1246	2032	3200	1900
4 Leaf	Min	2460	2250	2450	2240	774	437*	2032	2360	150
	Max	4070	4000	4060	3990	774	1242	2032	3970	1900

* Leaf widths of less than 750mm cannot be louvred.



Double, outward opening louvred door with plain overpanel.



Outward opening louvred door with plain overpanel.

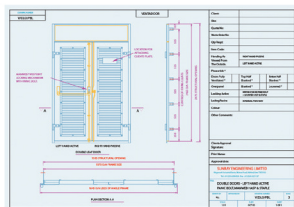


Sunray 6000 hasp and staple.



Newly fitted Heavy Duty Doors on transformer building.

Bespoke design services



Complementing our standard door ranges we also offer a complete, bespoke design service to suit specific client needs or to overcome site/building constraints.

Sunray installation service



We offer an installation service covering our steel door, louvre systems and ExcluDoor®

security door ranges.

Work is carried out by our own qualified factory-skilled operatives, not sub-contractors.

Procedures are audited and our installation process is approved and certified by CHAS, Safe Contractor, Achilles Builders Confidence and Achilles UVDB.

Sunray's Installation Service is certified by the LPCB/BRE to LPS 1271 for security doors.

Nationwide delivery service

Specialist transport including arctics, curtain siders with Moffett facility, flat bed lorries with HIAB facility and lightweight vans including Crossrail compliant vehicles.



Bi-fold Heavy Duty Doors with ventilated inner leaves and full-width overpanel including optional lock protection shroud.



Sunray Engineering Ltd
Kingsnorth Industrial Estate
Wotton Road, Ashford, Kent TN23 6LL

T 01233 639039

E sales@sunraydoors.co.uk
www.sunraydoors.co.uk



**FIND OUT MORE
FROM THE SUNRAY
WEBSITE**

