








AS3996:2006 LOAD CLASSIFICATIONS

The Australian Standard AS3996:2006 is the nominated standard for projects and applications within Australia. The following table provides an overview of the typical uses and load capacities of each Class. The appropriate class for an access cover or grate is dependent upon its place of installation and its intended use.

SVC do not use the ambiguous LIGHT, MEDIUM and HEAVY untested ratings. All SVC grates and covers comply to AS3996:2006 and are associated with a tested class rating.

CLASS	TYPICAL USE	LOAD LIMIT
A	Areas (including footways) accessible only to pedestrians and pedal cyclists and closed to other traffic	 10kN
B	Areas (including footways and light tractor paths) accessible to vehicles (excluding commercial vehicles) or livestock	 80kN
C	Malls and pedestrian areas open to slow moving commercial vehicles	 150kN
D	Carriageways of roads and areas open to commercial vehicles	 210kN
E	General docks and aircraft pavements	 400kN
F	Docks and aircraft pavements subject to high wheel loads	 600kN
G	Docks and aircraft pavements subject to very high wheel loads	 900kN

FLAT GRATES

Flat grates allow stormwater drainage and are installed on top of stormwater pits.

- Compliant with AS 3996:2006 in classes A, B and D
- Various stock sizes are available on hand
- All units are hinged and lockable via a bolt-down facility
- Custom dimensions available made to order

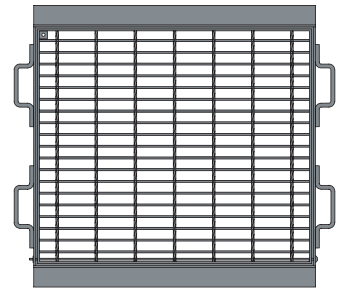
All dimensions in product descriptions refer to the nominal clear opening sizes.

FLAT GRATES

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRF4545FA	GRATE FLAT 450x450 FORGEBAR CLASS A	20 kg
GRF4545FB	GRATE FLAT 450x450 FORGEBAR CLASS B	24 kg
GRF4545FD	GRATE FLAT 450x450 FORGEBAR CLASS D	37 kg
GRF6060FA	GRATE FLAT 600x600 FORGEBAR CLASS A	40 kg
GRF6060FB	GRATE FLAT 600x600 FORGEBAR CLASS B	52 kg
GRF6060FD	GRATE FLAT 600x600 FORGEBAR CLASS D	59 kg
GRF7575FB	GRATE FLAT 750x750 FORGEBAR CLASS B	80 kg
GRF7575FD	GRATE FLAT 750x750 FORGEBAR CLASS D	87 kg
GRF9060FA	GRATE FLAT 900x600 FORGEBAR CLASS A	55 kg
GRF9060FB	GRATE FLAT 900x600 FORGEBAR CLASS B	75 kg
GRF9060FD	GRATE FLAT 900x600 FORGEBAR CLASS D	83 kg
GRF9090FB	GRATE FLAT 900x900 FORGEBAR CLASS B	105 kg
GRF9090FD	GRATE FLAT 900x900 FORGEBAR CLASS D	110 kg
GRF1290FB	GRATE FLAT 1200x900 FORGEBAR CLASS B	180 kg
GRF1290FD	GRATE FLAT 1200x900 FORGEBAR CLASS D	220 kg
GRF1212FB	GRATE FLAT 1200x1200 FORGEBAR CLASS B	260 kg
GRF1212FD	GRATE FLAT 1200x1200 FORGEBAR CLASS D	310 kg
GRFVR1075F	GRATE FLAT VICROADS 1431 1000x750 FORGEBAR	120 kg
GRFVR1010FD	GRATE FLAT VICROADS 1000x1000 FORGEBAR CLASS D	160 kg

AVAILABLE IN CUSTOM DIMENSIONS

SPECIFIED TO COUNCILS & VICROADS



GRF6060F-B



Flat grate with handles for concrete tie-ins



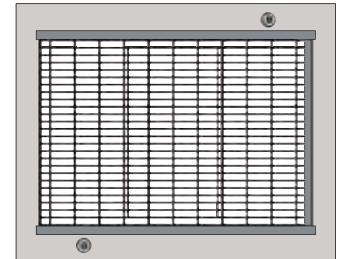
ENCASED FLAT GRATES

Concrete-encased flat grates provide a time-saving drop-in solution on site.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GREF4545FA	GRATE ENCASED FLAT 450x450 FORGEBAR CLASS A	98 kg
GREF4545FB	GRATE ENCASED FLAT 450x450 FORGEBAR CLASS B	116 kg
GREF4545FD	GRATE ENCASED FLAT 450x450 FORGEBAR CLASS D	121 kg
GREF6060FA	GRATE ENCASED FLAT 600x600 FORGEBAR CLASS A	168 kg
GREF6060FB	GRATE ENCASED FLAT 600x600 FORGEBAR CLASS B	185 kg
GREF6060FD	GRATE ENCASED FLAT 600x600 FORGEBAR CLASS D	200 kg
GREF7575FB	GRATE ENCASED FLAT 750x750 FORGEBAR CLASS B	256 kg
GREF7575FD	GRATE ENCASED FLAT 750x750 FORGEBAR CLASS D	268 kg
GREF9060FA	GRATE ENCASED FLAT 900x600 FORGEBAR CLASS A	192 kg
GREF9060FB	GRATE ENCASED FLAT 900x600 FORGEBAR CLASS B	234 kg
GREF9060FD	GRATE ENCASED FLAT 900x600 FORGEBAR CLASS D	246 kg
GREF9090FB	GRATE ENCASED FLAT 900x900 FORGEBAR CLASS B	280 kg
GREF9090FD	GRATE ENCASED FLAT 900x900 FORGEBAR CLASS D	300 kg
GREF1290FB	GRATE ENCASED FLAT 1200x900 FORGEBAR CLASS B	468 kg
GREF1290FD	GRATE ENCASED FLAT 1200x900 FORGEBAR CLASS D	580 kg
GREF1212FB	GRATE ENCASED FLAT 1200x1200 FORGEBAR CLASS B	670 kg
GREF1212FD	GRATE ENCASED FLAT 1200x1200 FORGEBAR CLASS D	820 kg
GREFVR1075F	GRATE ENCASED FLAT VICROADS 1431 1000x750 FORGEBAR	310 kg
GREFVR1010FD	GRATE ENCASED FLAT VICROADS 1000x1000 FORGEBAR CLASS D	420 kg

AVAILABLE IN CUSTOM DIMENSIONS

SPECIFIED TO COUNCILS & VICROADS



GREF9060F-B



Concrete-encased flat grates have SwiftLift lifting points for easy handling

COMPLEMENTARY PRODUCTS



CONCRETE PITS



KERB LINTELS

