








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.

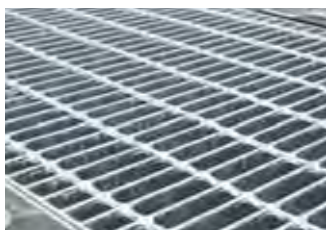
SVC do not use the ambiguous LIGHT, MEDIUM and HEAVY untested ratings. All SVC grates and covers comply to AS3996:2006 and are associated with a tested class rating.

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

KERB GRATES

- Flat and V-shaped kerb grates available
- Compliant with AS3996:2006 in Class D
- Suited to council and VicRoads-specified kerb profiles, including B2, SM2 and WSM2
- Available to purchase encased in concrete, saving installation time onsite
- Available in either a forgebar or diamond weave surface grate pattern

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



The forgebar pattern allows passage of light, air and water. When installed in traffic applications, the traffic direction should be parallel to the load bars.



The diamond weave pattern provides good slip resistance in all directions, and is ideal for application in areas that are subject to heavy wheel loads.

FLAT KERB GRATES

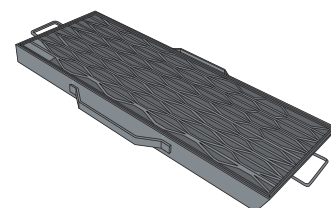
Flat kerb grates are installed over catch pits, which flow into side entry pits.

SPECIFIED TO COUNCILS & VICROADS



DIAMOND WEAVE PATTERN

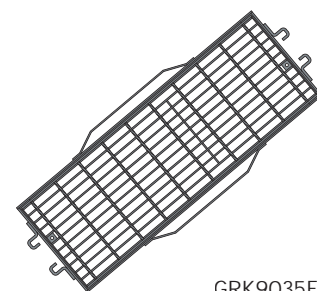
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRK6060DD	GRATE KERB 600x600 DIAMOND WEAVE CLASS D	100 kg
GRK9040DD	GRATE KERB 900x400 DIAMOND WEAVE CLASS D	80 kg
GRK9045DD	GRATE KERB 900x450 DIAMOND WEAVE CLASS D	90 kg
GRK9060DD	GRATE KERB 900x600 DIAMOND WEAVE CLASS D	118 kg
GRKVR1052DD	GRATE KERB VICROADS 1322 1000x525 DIAMOND WEAVE CLASS D	125 kg



GRK9040DD

FORGEBAR PATTERN

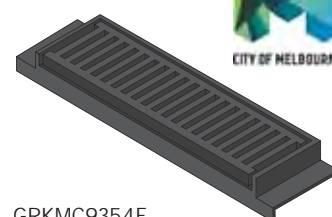
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRK9035FD	GRATE KERB 900x350 FORGEBAR CLASS D	55 kg
GRK9040FD	GRATE KERB 900x400 FORGEBAR CLASS D	71 kg
GRK9052FD	GRATE KERB 900x525 FORGEBAR CLASS D	81 kg
GRK9060FD	GRATE KERB 900x600 FORGEBAR CLASS D	82 kg
GRKVR1052FD	GRATE KERB VICROADS 1322 1000x525 FORGEBAR CLASS D	89 kg



GRK9035FD

MELBOURNE CITY COUNCIL GRATES

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRKMC9354D	GRATE KERB MELBOURNE C-IRON 937x549 CLASS D	200 kg



GRKMC9354F

ENCASED FLAT KERB GRATES

SPECIFIED TO COUNCILS & VICROADS

DIAMOND WEAVE PATTERN

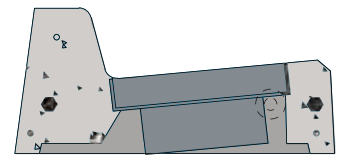
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GREK6060DD	GRATE KERB 600x600 DIAMOND WEAVE CLASS D	200 kg
GREK9040DD	GRATE KERB 900x400 DIAMOND WEAVE CLASS D	210 kg
GREK9045DD	GRATE KERB 900x450 DIAMOND WEAVE CLASS D	245 kg
GREK9060DD	GRATE KERB 900x600 DIAMOND WEAVE CLASS D	280 kg
GREKVR1052DD	GRATE KERB VICROADS 1322 1000x525 DIAMOND WEAVE CLASS D	300 kg



Encased diamond weave grate

FORGEBAR PATTERN

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GREK9035FD	GRATE KERB 900x350 FORGEBAR CLASS D	165 kg
GREK9040FD	GRATE KERB 900x400 FORGEBAR CLASS D	210 kg
GREK9052FD	GRATE KERB 900x525 FORGEBAR CLASS D	240 kg
GREK9060FD	GRATE KERB 900x600 FORGEBAR CLASS D	246 kg
GREKVR1052FD	GRATE KERB VICROADS 1322 1000x525 FORGEBAR CLASS D	265 kg



B profile encased flat grate

COMPLEMENTARY PRODUCTS



CONCRETE PITS



Concrete-encased flat grates and catch pits provide an efficient, time-saving solution on site.

V-SHAPED KERB GRATES

V-shaped kerb grates are suitable for dished crossings or V-shaped drains.

DIAMOND WEAVE PATTERN

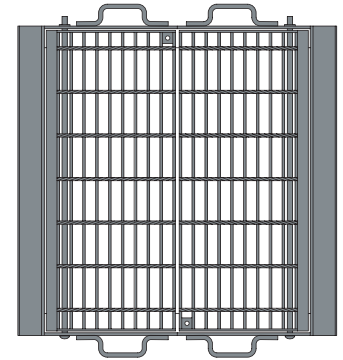
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRV9060DCDD	GRATE V 900x600 DISHED CHANNEL DIAMOND WEAVE CLASS D	130 kg

SPECIFIED TO COUNCILS & VPA



FORGEBAR PATTERN

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GRV6060DCFD	GRATE V 600x600 DISHED CHANNEL FORGEBAR CLASS D	70 kg
GRV7575DCFD	GRATE V 750x750 DISHED CHANNEL FORGEBAR CLASS D	80 kg
GRV9060DC1FD	GRATE V 900x600 DISHED CHANNEL 15MM INVERT FORGEBAR CLASS D	100 kg
GRV9060DC4FD	GRATE V 900x600 DISHED CHANNEL 45MM INVERT FORGEBAR CLASS D	95 kg
GRV9090DCFD	GRATE V 900x900 DISHED CHANNEL FORGEBAR CLASS D	135 kg
GRVCA9345FD	GRATE V CASEY 930x450 FORGEBAR CLASS D	58 kg
GRV9037SM2FD	GRATE V 900x375 SM2 MOD FORGEBAR CLASS D	70 kg
GRV9040SM2FD	GRATE V 900x400 SM2 MOD FORGEBAR CLASS D	70 kg



GRV6060FDCD

ENCASED V-SHAPED KERB GRATES

DIAMOND WEAVE PATTERN

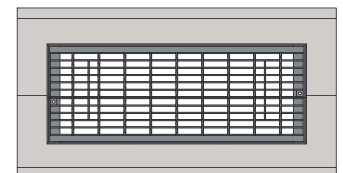
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GREV9060DCDD	GRATE ENCASED V 900x600 DISHED CHANNEL DIAMOND WEAVE CLASS D	300 kg

SPECIFIED TO COUNCILS & VPA

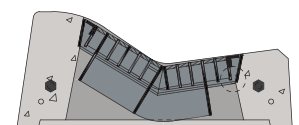


FORGEBAR PATTERN

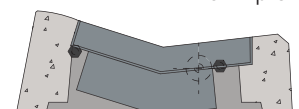
PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GREV6060DCFD	GRATE V 600x600 DISHED CHANNEL FORGEBAR CLASS D	220 kg
GREV7575DCFD	GRATE V 750x750 DISHED CHANNEL FORGEBAR CLASS D	280 kg
GREV9060DC1FD	GRATE V 900x600 DISHED CHANNEL 15MM INVERT FORGEBAR CLASS D	300 kg
GREV9060DC4FD	GRATE V 900x600 DISHED CHANNEL 45MM INVERT FORGEBAR CLASS D	300 kg
GREV9090DCFD	GRATE V 900x900 DISHED CHANNEL FORGEBAR CLASS D	340 kg
GREVCA9345FD	GRATE V CASEY 930x450 FORGEBAR CLASS D	275 kg
GREV9037SM2FD	GRATE V 900x375 SM2 MOD FORGEBAR CLASS D	260 kg
GREV9040SM2FD	GRATE V 900x400 SM2 MOD FORGEBAR CLASS D	270 kg



GREV9037SM2FD



SM2 profile



WSM2 profile

COMPLEMENTARY PRODUCTS



GRIDLITE COVERS



CAST IRON COVERS



CONCRETE PITS