








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

GRIDLITE (LIGHTWEIGHT)

- GridLite covers consist of a galvanised steel frame and a lightweight fibreglass composite insert.
- Lightweight, yet highly durable alternative to concrete and cast iron access covers
- Compliant with Australian Standards AS3996:2006 for Class B and C load ratings
- Compliant with Australian Standards AS4586, Class V for slip resistance
- Lock and lifting mechanism prevents unauthorised entry
- Manufactured to council and VPA specifications

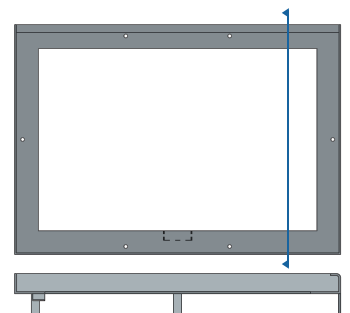
All dimensions in product descriptions refer to the nominal clear opening sizes.

GRIDLITE SIDE ENTRY FRAMES

Side entry GridLite covers are installed in road applications over a side entry stormwater pit (p32). They are often used in conjunction with a kerb lintel (p40).

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GLSEF9060B	GRIDLITE SE FRAME 900x600 CLASS B	18 kg
GLSEF9060BB	GRIDLITE SE FRAME 900x600 BEAM CLASS B	45 kg
GLSEF9060C	GRIDLITE SE FRAME 900x600 CLASS C	17 kg
GLSEF9090B	GRIDLITE SE FRAME 900x900 CLASS B	20 kg
GLSEF1075C	GRIDLITE SE FRAME 1000x750 CLASS C	20 kg
GLSEFB01248B	GRIDLITE SE FRAME BOROONDARA 1250x480 CLASS B	20 kg
GLRCFBORB	GRIDLITE RACECOVER FRAME BOROONDARA RIGHT CLASS B	20 kg
GLRCFBOLB	GRIDLITE RACECOVER FRAME BOROONDARA LEFT CLASS B	20 kg
GLSEFDA9060B	GRIDLITE SE FRAME DAREBIN 900x600 CLASS B	10 kg
GLSEFMV1160B	GRIDLITE SE FRAME MOONEE VALLEY 1100x600 CLASS B	30 kg

SPECIFIED TO COUNCILS & VPA



PLAN & SECTION: GLSEF9060B

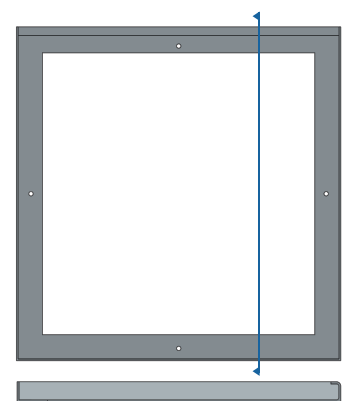


Side entry GridLite frame and cover set in situ behind kerb lintel

GRIDLITE JUNCTION PIT FRAMES

Junction pit GridLite covers are most commonly installed in parks or nature strips.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GLJPF4545B	GRIDLITE JP FRAME 450x450 CLASS B	6 kg
GLJPF6060B	GRIDLITE JP FRAME 600x600 CLASS B	10 kg
GLJPF7575B	GRIDLITE JP FRAME 750x750 CLASS B	14 kg
GLJPF9060B	GRIDLITE JP FRAME 900x600 CLASS B	18 kg
GLJPF9060C	GRIDLITE JP FRAME 900x600 CLASS C	17 kg
GLJPF9090B	GRIDLITE JP FRAME 900x900 CLASS B	20 kg
GLJPF1075C	GRIDLITE JP FRAME 1000x750 CLASS C	20 kg

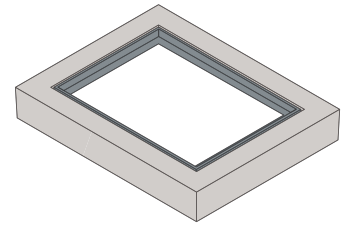


PLAN & SECTION: GLJPF6060B

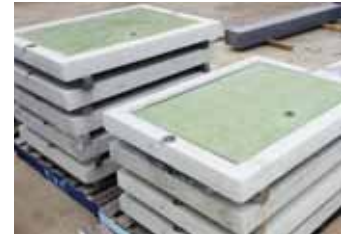
GRIDLITE ENCASED JUNCTION PIT FRAMES

Concrete-encased junction pit GridLite covers are ready for immediate installation once delivered, saving time on site.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GLEJPF4545B	GRIDLITE ENCASED JP FRAME 450x450 CLASS B	160 kg
GLEJPF6060B	GRIDLITE ENCASED JP FRAME 600x600 CLASS B	250 kg
GLEJPF7575B	GRIDLITE ENCASED JP FRAME 750x750 CLASS B	330 kg
GLEJPF9060B	GRIDLITE ENCASED JP FRAME 900x600 CLASS B	328 kg
GLEJPF9060C	GRIDLITE ENCASED JP FRAME 900x600 CLASS C	350 kg
GLEJPF9090B	GRIDLITE ENCASED JP FRAME 900x900 CLASS B	400 kg
GLEJPF1075C	GRIDLITE ENCASED JP FRAME 1000x750 CLASS C	400 kg



GLEJPF9060B



Concrete-encased GridLite covers

GRIDLITE COVER INSERTS

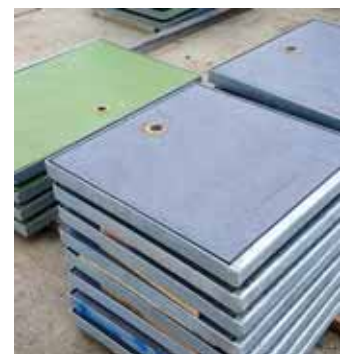
GridLite cover inserts suit both junction pit and side entry frames. Each insert is available in four stock colours, with custom colours available to order.

4 STOCK COLOURS

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
GLI4545B	GRIDLITE INSERT 450x450 CLASS B	15 kg
GLI6060B	GRIDLITE INSERT 600x600 CLASS B	20 kg
GLI7575B	GRIDLITE INSERT 750x750 CLASS B	30 kg
GLI9060B	GRIDLITE INSERT 900x600 CLASS B	30 kg
GLI9060C	GRIDLITE INSERT 900x600 CLASS C	25 kg
GLI9090B	GRIDLITE INSERT 900x900 CLASS B	35 kg
GLI1075C	GRIDLITE INSERT 1000x750 CLASS C	33 kg
GLIBO1248B	GRIDLITE INSERT BOROONDARA 1250x480 CLASS B	40 kg
GLIDA9060B	GRIDLITE INSERT DAREBIN 900x600 CLASS B	25 kg
GLIMV1160B	GRIDLITE INSERT MOONEE VALLEY 1100x600 CLASS B	35 kg
GLIRCBORB	GRIDLITE RACECOVER INSERT BOROONDARA RIGHT CLASS B	25 kg
GLIRCBOLB	GRIDLITE RACECOVER INSERT BOROONDARA LEFT CLASS B	25 kg



GLIDA9060B



GridLite cover inserts in grey and green

COMPLEMENTARY PRODUCTS



CONCRETE PITS



KERB LINTELS



GRIDLITE KEY