








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

PRECAST CONCRETE

Precast concrete covers are used in a range of stormwater applications.

- Extremely durable and exhibit a high standard of quality
- Specified to Victorian councils, VPA and VicRoads requirements

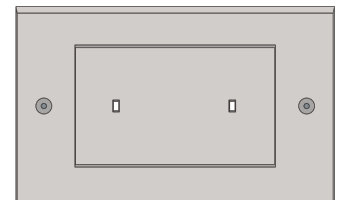
All dimensions in product descriptions refer to the nominal clear opening sizes.

SIDE ENTRY CONCRETE FRAMES

Side entry concrete frames and corresponding concrete inserts are used as pit covers for side entry pits.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
SEF600DB	SE FRAME 60B 600DIA CLASS B	190 kg
SEF600DGB	SE FRAME 60B 600DIA GALV EDGE CLASS B	190 kg
SEF9060SM	SE FRAME 900x600 SEMI MOUNTABLE	160 kg
SEF9060TEX	SE FRAME 900x600 TAPERED EXTENDED	150 kg
SEF9060TST	SE FRAME 900x600 TAPERED STANDARD	100 kg
SEF1075T	SE FRAME 1050x750 TAPERED	125 kg
SEF1275SQ	SE FRAME 1200x750 SQUARE	150 kg
SEF1275T	SE FRAME 1200x750 TAPERED	150 kg
SEF1290SQ	SE FRAME 1200x900 SQUARE	200 kg
SEF1290T	SE FRAME 1200x900 TAPERED	200 kg
SEF1375SQ	SE FRAME 1300x750 SQUARE	180 kg
SEF1375T	SE FRAME 1350x750 TAPERED	180 kg
SEF1390SQ	SE FRAME 1300x900 SQUARE	225 kg
SEF1390T	SE FRAME 1350x900 TAPERED	250 kg
SEFBB1593	SE FRAME BRIMBANK 1580x930	350 kg
SEFBO1690	SE FRAME BOROONDARA 1650x900	250 kg
SEFBRI278	SE FRAME BROADMEADOWS 1230x780	100 kg
SEFBUI212	SE FRAME BULLA 1220x1245	250 kg
SEFBUI294	SE FRAME BULLA 1220x940	180 kg
SEFDA1174	SE FRAME DAREBIN 1195x740	100 kg
SEFKL1571	SE FRAME KEILOR 1565x710	150 kg
SEFKX127512	SE FRAME KNOX 1200x750x125	175 kg
SEFMO1575	SE FRAME MORELAND 1500x750	300 kg
SEFMV1590	SE FRAME MOONEE VALLEY 1560x900	330 kg
SEFWV1275	SE FRAME WAVERLEY 1200x750	150 kg
SEFVR1390R	SE FRAME VICROADS 1300x900 ROUND	250 kg
SEFVR1890R	SE FRAME VICROADS 1800x900 ROUND	390 kg

SPECIFIED TO COUNCILS & VICROADS



SEF1275SQ & SEI7550ST



SVC concrete frame & insert



Plentiful stock of various standard concrete frames



VicRoads side entry frames

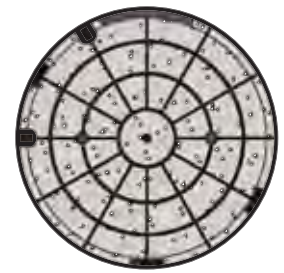
SIDE ENTRY CONCRETE INSERTS

SPECIFIED TO COUNCILS & VICROADS

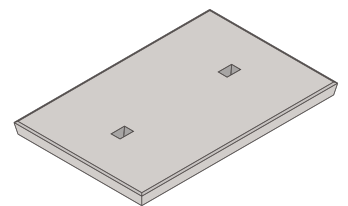


Two types of side entry concrete inserts are available; solid precast concrete or concrete-infilled cast iron.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
SEI600DIB	SE INSERT 60B 600DIA C-IRON INFILL CLASS B	65 kg
SEI755OST	SE INSERT 750x500 STANDARD	50 kg
SEI755OSTS	SE INSERT 750x500 STANDARD SWIFT	50 kg
SEI7545B	SE INSERT 755x455 B-TYPE	50 kg
SEI7549G	SE INSERT 750x490 GALV EDGE	50 kg
SEI765OR	SE INSERT 762x508 REBATED	50 kg
SEI906OISM	SE INSERT 900x600 C-IRON INFILL SEMI MOUNTABLE	140 kg
SEI906OIT	SE INSERT 900x600 C-IRON INFILL TAPERED	100 kg
SEIBR1038H	SE INSERT BROADMEADOWS 1065x380 HALF	75 kg
SEIBU8857	SE INSERT BULLA 880x575	60 kg
SEIDA1036H	SE INSERT DAREBIN 1035x365 HALF	75 kg
SEIDC7449	SE INSERT DONCASTER 745x495	70 kg
SEIKL6867H	SE INSERT KEILOR 680x670 HALF	100 kg
SEIVR710D	SE INSERT VICROADS 710DIA	70 kg



SEI600DIB



SEIBU8857



SEI906OISM

COMPLEMENTARY PRODUCTS



CONCRETE PITS [p33](#)



KERB LINTELS [p42](#)



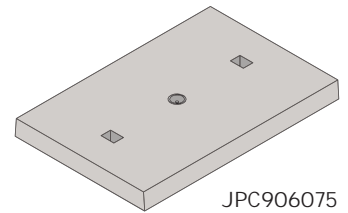
A side entry concrete frame and insert and a concrete kerb lintel installed over a side entry pit.

JUNCTION PIT CONCRETE COVERS

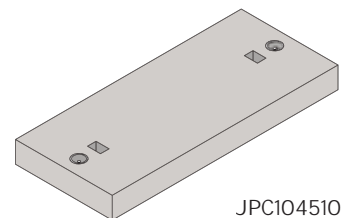
Junction pit concrete covers are used in conjunction with junction pits. Councils may use single-piece junction pit covers or junction pit concrete frame and insert combinations.

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
JPC454570R	JP COVER 450x450x70 REBATED	80 kg
JPC606075	JP COVER 600x600x75	70 kg
JPC755210	JP COVER 750x525x100	100 kg
JPC756010	JP COVER 750x600x100	120 kg
JPC757575	JP COVER 750x750x75	100 kg
JPC757510	JP COVER 750x750x100	135 kg
JPC904575	JP COVER 900x450x75	75 kg
JPC904510	JP COVER 900x450x100	100 kg
JPC905210	JP COVER 900x525x100	120 kg
JPC906075	JP COVER 900x600x75	100 kg
JPC906010	JP COVER 900x600x100	135 kg
JPC907510	JP COVER 900x750x100	170 kg
JPC909010	JP COVER 900x900x100	200 kg
JPC103460	JP COVER 1050x340x60	60 kg
JPC104510	JP COVER 1050x450x100	120 kg
JPC105210	JP COVER 1050x525x100	140 kg
JPC106010	JP COVER 1050x600x100	160 kg
JPC106710	JP COVER 1050x675x100	180 kg
JPC123010	JP COVER 1200x300x100	90 kg
JPC124510	JP COVER 1200x450x100	135 kg
JPC126075	JP COVER 1200x600x75	140 kg
JPC126010	JP COVER 1200x600x100	180 kg
JPC127575	JP COVER 1200x750x75	170 kg
JPC127510	JP COVER 1200x750x100	225 kg
JPC129010	JP COVER 1200x900x100	270 kg
JPC133010	JP COVER 1350x300x100	100 kg
JPC134510	JP COVER 1350x450x100	150 kg
JPC136710	JP COVER 1350x675x100	230 kg
JPC157510	JP COVER 1500x750x100	290 kg
JPCKL796875	JP COVER KEILOR 790x680x75	100 kg

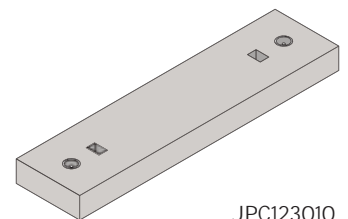
SPECIFIED TO COUNCILS



JPC906075



JPC104510



JPC123010

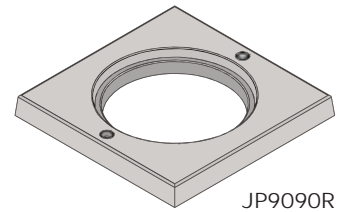


Several different sizes are available.

JUNCTION PIT CONCRETE FRAMES

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
JPF6060	JP FRAME 600x600	140 kg
JPF9060	JP FRAME 900x600	170 kg
JPF9090	JP FRAME 900x900	200 kg
JPF9090R	JP FRAME 900x900 ROUND	130 kg
JPFBU1291	JP FRAME BULLA 1220x915	180 kg
JPFBU1212	JP FRAME BULLA 1220x1245	250 kg
JPFDA1189	JP FRAME DAREBIN 1190x890	200 kg
JPFDC7070	JP FRAME DONCASTER 700x700	190 kg
JPFKL1290	JP FRAME KEILOR 1200x900	200 kg
JPFVR1310R	JP FRAME VICROADS 1300x1050 ROUND	340 kg
JPFVR1810R	JP FRAME VICROADS 1800x1050 ROUND	500 kg

SPECIFIED TO COUNCILS & VICROADS

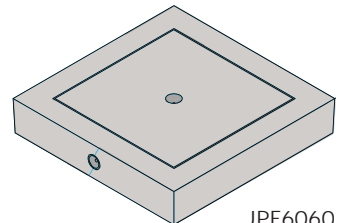


JP9090R

JUNCTION PIT CONCRETE INSERTS

PRODUCT CODE	PRODUCT DESCRIPTION	WEIGHT
JPI6060	JP INSERT 600x600	70 kg
JPI9060	JP INSERT 900x600	100 kg
JPI9090	JP INSERT 900x900	140 kg
JPIDC5555	JP INSERT DONCASTER 550x550	55 kg

SPECIFIED TO COUNCILS & VICROADS



JPF6060 & JPI6060

COMPLEMENTARY PRODUCTS



KERB GRATES



CONCRETE PITS



Typical installation of a junction pit concrete frame and insert placed over a junction pit in a nature strip.