

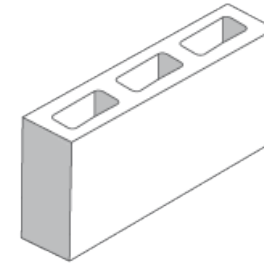
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.01 100mm FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 x 100 x 200mm
actual dimensions (length x width x height mm)	390 x 90 x 190mm
core volume (% overall thickness)	<30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (kg)	9.5
units per tonne	105
number per pallet	180
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	115

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and $S_{rf} \leq 16$	120
integrity - non-load bearing and $S_{rf} \leq 25.83$	240
insulation	120

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

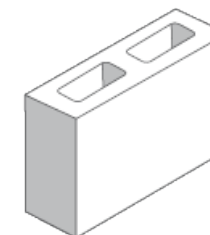
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.02 100mm THREE QUARTER BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	300 x 100 x 200mm
actual dimensions (length x width x height mm)	290 x 90 x 190mm
core volume (% overall thickness)	<30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (kg)	7.0
units per tonne	143
number per pallet	240
number per sqm	16.7
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

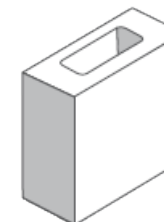
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.03 100mm HALF BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	200 × 100 × 200mm
actual dimensions (length x width x height mm)	190 × 90 × 190mm
core volume (% overall thickness)	<30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (kg)	4.1
units per tonne	204
number per pallet	360
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

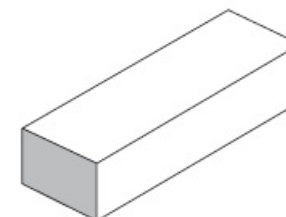
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.31 100mm SOLID BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 100 × 200mm
actual dimensions (length x width x height mm)	390 × 90 × 190mm
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	-
average weight (kg)	12.4
units per tonne	80
number per pallet	144
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	150

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

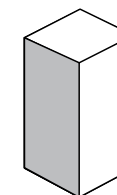
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.34 100mm QUARTER SOLID BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	100 × 100 × 200mm
actual dimensions (length x width x height mm)	90 × 90 × 190mm
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	-
average weight (kg)	2.5
units per tonne	400
number per pallet	432
number per sqm	50
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

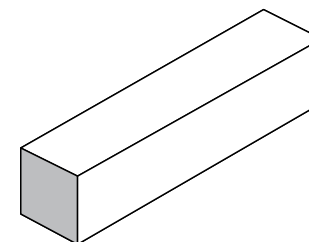
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	10.83 100mm HALF HEIGHT SOLID BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 100 × 100mm
actual dimensions (length x width x height mm)	40 × 90 × 90mm
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	-
average weight (kg)	5.9
units per tonne	169
number per pallet	288
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	170

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

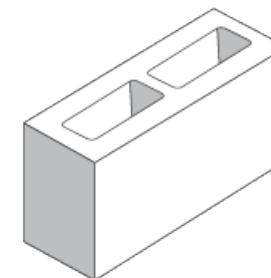
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	12.01 110mm FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 x 120 x 200mm
actual dimensions (length x width x height mm)	40 x 110 x 190mm
core volume (% overall thickness)	29
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	25
average weight (kg)	8.8
units per tonne	114
number per pallet	150
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	120

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

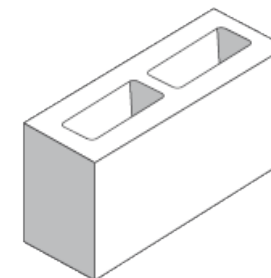
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	12.01FL 110mm FIRE LIGHT FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 120 × 200mm
actual dimensions (length x width x height mm)	390 × 110 × 190mm
core volume (% overall thickness)	29
characteristic unconfined compressive strength (MPa)	3
minimum shell thickness (mm)	25
average weight (kg)	7.5
units per tonne	133
number per pallet	180
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	UNTESTED
wall mass inc mortar hollow	100

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	120
integrity - non-load bearing and Srf <25.83	240
insulation	120

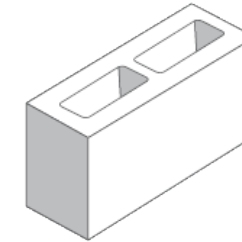
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.01 150mm FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 200mm
actual dimensions (length x width x height mm)	390 × 140 × 190mm
core volume (% overall thickness)	30
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	25
average weight (kg)	10
units per tonne	100
number per pallet	144
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	130

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and $S_{rf} < 16$	240
integrity - non-load bearing and $S_{rf} < 25.83$	240
insulation	120

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

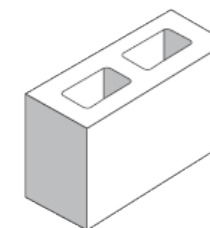
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.02 150mm THREE QUARTER BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	300 x 150 x 200mm
actual dimensions (length x width x height mm)	290 x 140 x 190mm
core volume (% overall thickness)	36.7
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	25
average weight (kg)	7.7
units per tonne	130
number per pallet	160
number per sqm	16.7
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

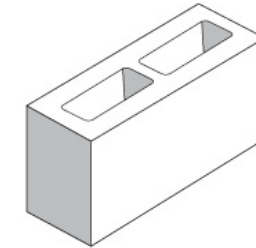
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.22 150mm CORNER BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	350 × 150 × 200mm
actual dimensions (length x width x height mm)	340 × 140 × 190mm
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	n/a
average weight (kg)	9.0
units per tonne	111
number per pallet	135
number per sqm	14.3
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

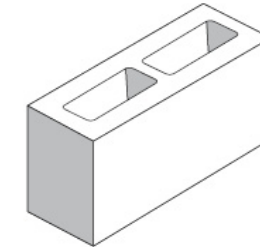
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.49 150mm OPEN END BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 200mm
actual dimensions (length x width x height mm)	390 × 140 × 190mm
core volume (% overall thickness)	42.3
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (kg)	9.6
units per tonne	104
number per pallet	144
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

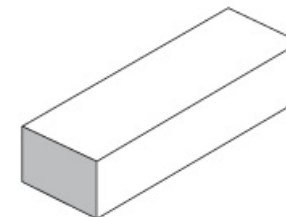
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.83 150mm HALF HEIGHT SOLID BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 100mm
actual dimensions (length x width x height mm)	390 × 140 × 90mm
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	8.6
units per tonne	116
number per pallet	192
number per sqm	50
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	250

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	240

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

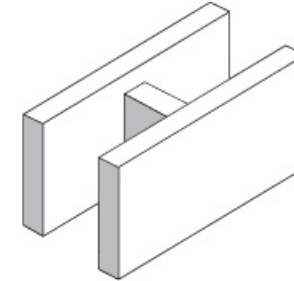
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.48 150mm H BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 200mm
actual dimensions (length x width x height mm)	390 × 140 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	9.8
units per tonne	102
number per pallet	144
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	240
integrity	120
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 Table 6.1

Integrity FRL as per AS3700:2011, Clause 6.4.2
Insulation FRL as per AS3700:2011, Table 6.3

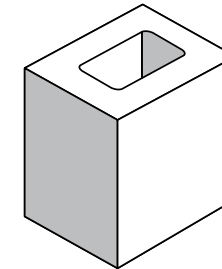
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.03 150mm HALF BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	200 × 150 × 200mm
actual dimensions (length x width x height mm)	190 × 140 × 190mm
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	5.2
units per tonne	192
number per pallet	240
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	-

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

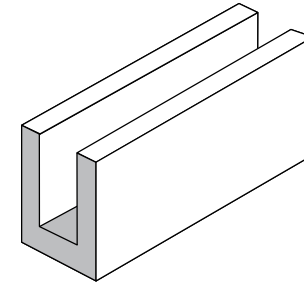
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.12 150mm LINTEL OR BOND BEAM BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 200mm
actual dimensions (length x width x height mm)	390 × 140 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	n/a
average weight (kg)	12.4
units per tonne	80
number per pallet	120
number per sqm	25 or 2.5 per 1m as caps
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	300

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
insulation	120

Notes

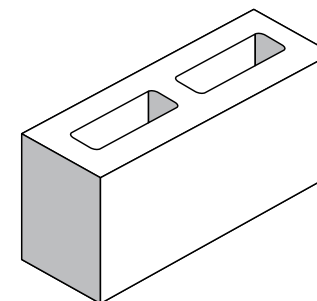
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.401 150mm 4 HOUR INSULATION FRL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 x 150 x 200mm
actual dimensions (length x width x height mm)	390 x 140 x 190mm
core volume (% overall thickness)	<30
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	47
average weight (kg)	13.0
units per tonne	66
number per pallet	120
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	180

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing and Srf <16	240
integrity - non-load bearing and Srf <25.83	240
insulation	240

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

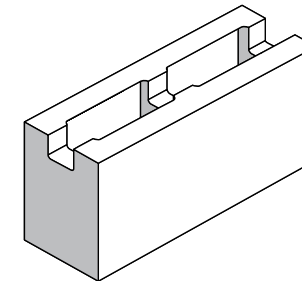
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	15.421 150mm RECESSED WEB OR CHANNEL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 150 × 200mm
actual dimensions (length x width x height mm)	390 × 140 × 190mm
core volume (% overall thickness)	41
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	9.8
units per tonne	102
number per pallet	144
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	300 inc concrete fill

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity when core filled	120
integrity when hollow & load bearing & Srf ≤ 21.14	240
integrity when hollow & NON load bearing & Srf ≤ 25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

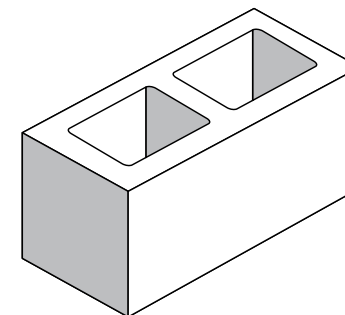
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.01 200mm FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	12.0
units per tonne	83
number per pallet	108
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	150

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity when hollow & load bearing & Srf ≤ 21.14	240
integrity when hollow & NON load bearing & Srf ≤ 25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

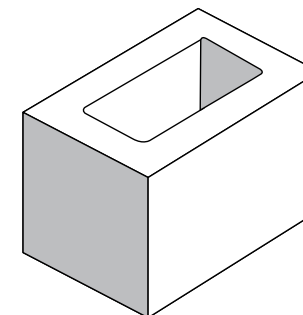
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.02 200mm THREE QUARTER BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	300 × 200 × 200mm
actual dimensions (length x width x height mm)	290 × 190 × 190mm
core volume (% overall thickness)	46
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	9.8
units per tonne	102
number per pallet	144
number per sqm	17
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	174

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity when hollow & load bearing & Srf ≤ 21.14	240
integrity when hollow & NON load bearing & Srf ≤ 25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

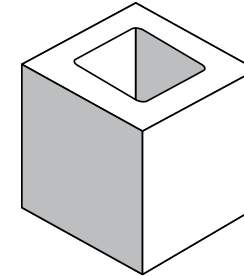
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.03 200mm HALF BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	200 × 200 × 200mm
actual dimensions (length x width x height mm)	190 × 190 × 190mm
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	8.7
units per tonne	115
number per pallet	180
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity when hollow & load bearing & Srf ≤ 21.14	240
integrity when hollow & NON load bearing & Srf ≤ 25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

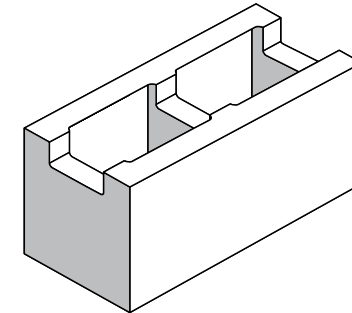
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.421 200mm RECESSED WEB OR CHANNEL CORE FILLED BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	48
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	11.3
units per tonne	88
number per pallet	108
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	400 inc core fill

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes for hollow walls)	60 to 240
integrity when core filled/ integrity when unfilled and $S_{rf} \leq 21.14$	240
insulation	240 (core filled) 120 (unfilled)

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

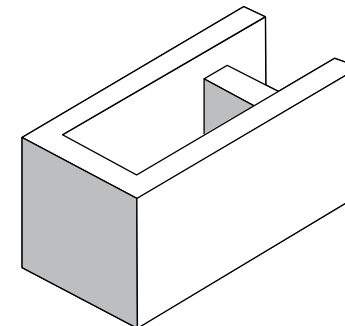
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.49 200mm CORNER AND END CORE FILLED BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	11.4
units per tonne	87
number per pallet	108
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	400 inc core fill

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
integrity when core filled	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.1
 Integrity FRL as per AS3700:2018, Clause 6.4.2
 Insulation FRL as per 3700:2011, Table 6.3

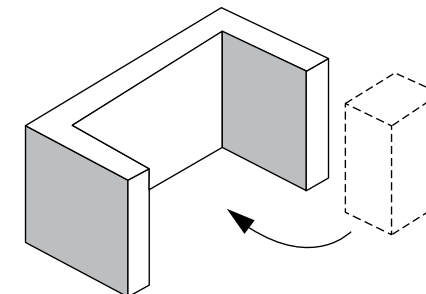
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.96 AND 10.34 200mm C BLOCK CLEAN OUT CORE FILLED BLOCKS (OPTIONAL STABILISER)

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm + 100 × 200 × 100mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm + 90 × 190 × 90mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	n/a
minimum shell thickness (mm)	52
average weight (kg)	11.0
units per tonne	250
number per pallet	108 & 432
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
integrity	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.1
Integrity FRL as per AS3700:2018. Clause 6.4.2
Insulation FRL as per 3700:2011. Table 6.3

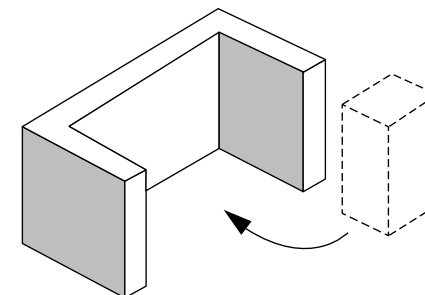
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.96 & 10.03 300mm COMBINED CLEAN OUT BLOCK

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm & 200 × 100 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm & 190 × 90 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	n/a
average weight (kg)	9.5
units per tonne	74
number per pallet	108
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
integrity	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (Srf) calculated from AS3700:2018 table 6.1
Integrity FRL as per AS3700:2018, Clause 6.4.2
Insulation FRL as per AS3700:2018, Table 6.3

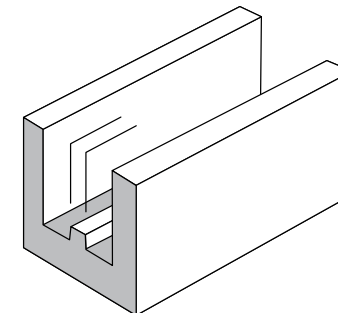
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.12 200mm LINTEL OR BOND BEAM BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	40
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	16.4
units per tonne	60
number per pallet	108
number per sqm	2.5 per lineal metre
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	60 to 240
integrity	120
insulation (core filled)	120

Notes

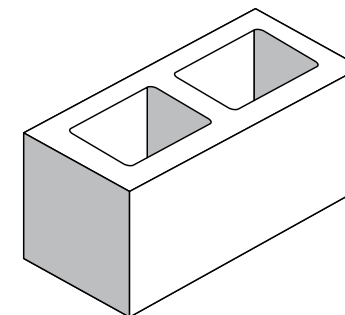
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.401 200mm 4 HOUR INSULATION FRL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	35
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	40
average weight (kg)	15.0
units per tonne	71
number per pallet	90
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	200

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing & Srf < 21.14	240
integrity - non-load bearing & Srf < 25.83	240

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

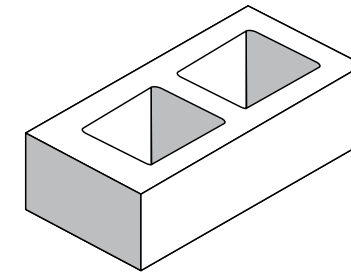
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.71 200mm HALF HEIGHT CORE FILLED BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 100mm
actual dimensions (length x width x height mm)	390 × 190 × 90mm
core volume (% overall thickness)	47
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (kg)	6.0
units per tonne	166
number per pallet	216
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	168

Diagram



Fire Resistance Levels

structural adequacy (see notes)	60 to 240
integrity - load bearing & Srf < 21.14	240
integrity - non-load bearing & Srf < 25.83	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

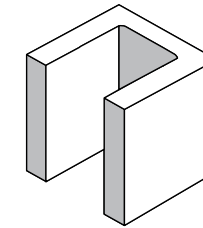
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.93 200mm HALF END CORE FILLED BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	200 × 200 × 100mm
actual dimensions (length x width x height mm)	190 × 190 × 90mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	n/a
minimum shell thickness (mm)	58
average weight (kg)	7.3
units per tonne	137
number per pallet	180
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $Sr_f \leq 36$ see notes)	240
integrity	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 table 6.1 is:
 integrity FRL as per AS3700:2011. Clause 6.4.2
 insulation FRL as per AS3700:2011. Clause 6.3

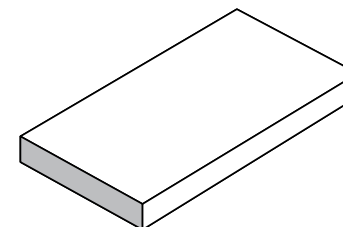
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	50.31 CAPPING TILE

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 40 × 200mm
actual dimensions (length x width x height mm)	400 × 40 × 200mm
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	5.3
units per tonne	188
number per pallet	160
number per 1m	2.5 per lineal metre
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

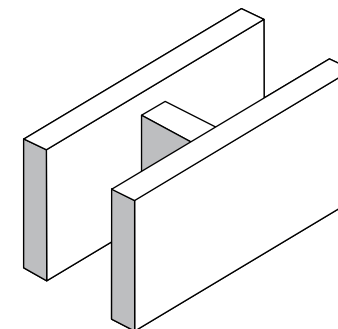
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.48 200mm H BLOCK

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	-
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	10.5
units per tonne	188
number per pallet	160
number per 1m	2.5 per lineal metre
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	400 (core filled)

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes for hollow walls)	240
integrity when core filled/ integrity when unfilled and $S_{rf} \leq 21.14$	240
insulation	240 (core filled) 120 (unfilled)

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

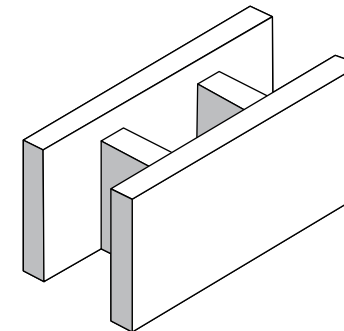
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	20.91 200mm STRETCHER BLOCK

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 200 × 200mm
actual dimensions (length x width x height mm)	390 × 190 × 190mm
core volume (% overall thickness)	-
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	30
average weight (kg)	11.2
units per tonne	-
number per pallet	108
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	400 (core filled)

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes for hollow walls)	240
integrity when core filled/ integrity when unfilled and $S_{rf} \leq 21.14$	240
insulation	240 (core filled) 120 (unfilled)

Notes

Maximum slenderness ratio (S_{rf}) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

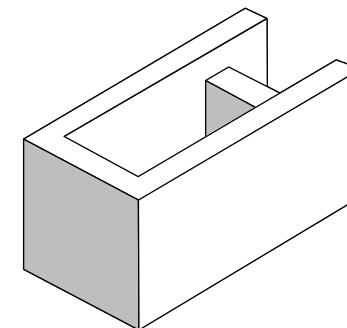
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	30.92 300mm FULL END

Properties and Specifications

nominal dimensions (length x width x height mm)	400 × 300 × 200mm
actual dimensions (length x width x height mm)	390 × 290 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	n/a
average weight (kg)	9.3
units per tonne	107
number per pallet	n/a
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
integrity	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (Srf) calculated from AS3700:2018 table 6.1
Integrity FRL as per AS3700:2018. Clause 6.4.2
Insulation FRL as per AS3700:2018. Table 6.3

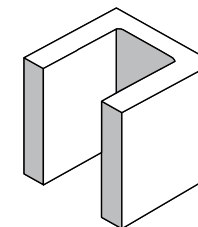
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	30.93 300mm HALF END BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	300 × 200 × 200mm
actual dimensions (length x width x height mm)	290 × 190 × 190mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	58
average weight (kg)	8.0
units per tonne	125
number per pallet	120
number per sqm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
integrity	240
insulation (core filled)	240

Notes

Maximum slenderness ratio (Srf) calculated from AS3700:2018 table 6.1
 Integrity FRL as per AS3700:2018, Clause 6.4.2
 Insulation FRL as per AS3700:2018, Table 6.3

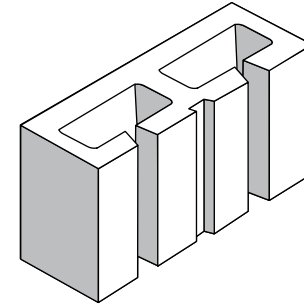
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	ACOUSTICELL 15AC MADE TO ORDER

Properties and Specifications

nominal dimensions (length x width x height mm)	390 × 190 × 140mm
actual dimensions (length x width x height mm)	390 × 190 × 140mm
core volume (% overall thickness)	n/a
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	10.8
units per tonne	93
number per pallet	120
number per sqm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	140

Diagram



Fire Resistance Levels

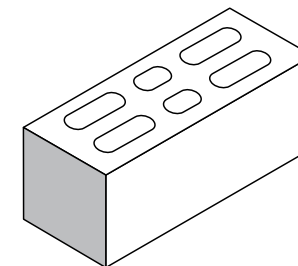
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	11.119SG BRICK AND A HALF

Properties and Specifications

nominal dimensions (length x width x height mm)	230 × 110 × 119mm
actual dimensions (length x width x height mm)	230 × 110 × 119mm
core volume (% overall thickness)	<25
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	4.6
units per tonne	220
number per pallet	n/a
number per sqm	32.3
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and Srf ≤ 36 see notes)	60 to 240
integrity (load bearing & Srf < 21.14)	240
integrity (non-load bearing & Srf < 25.83)	240
insulation	180

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

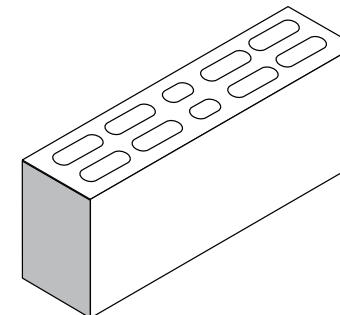
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	90.162SG MADE TO ORDER

Properties and Specifications

nominal dimensions (length x width x height mm)	290 × 90 × 162mm
actual dimensions (length x width x height mm)	290 × 90 × 162mm
core volume (% overall thickness)	<25
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	6.6
units per tonne	n/a
number per pallet	288
number per sqm	19.4
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	125

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and Srf ≤ 36 see notes)	60 to 240
integrity (load bearing & Srf ≤ 16)	120
integrity (non-load bearing & Srf ≤ 25.83)	240
insulation	120

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

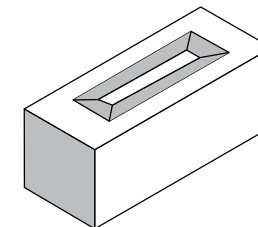
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	48.65 COMMON BRICK

Properties and Specifications

nominal dimensions (length x width x height mm)	230 × 110 × 76mm
actual dimensions (length x width x height mm)	230 × 110 × 76mm
core volume (% overall thickness)	solid with frog
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	3.15
units per tonne	-
number per pallet	400
number per sqm	48.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and Srf ≤ 36 see notes)	60 to 240
integrity (load bearing & Srf < 21.14)	240
integrity (non-load bearing & Srf < 25.83)	240
insulation	180

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

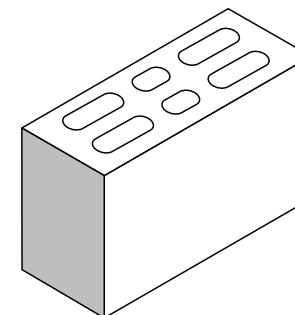
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	11.162FL 110mm LIGHT WEIGHT DOUBLE HEIGHT BRICKS

Properties and Specifications

nominal dimensions (length x width x height mm)	230 × 110 × 162mm
actual dimensions (length x width x height mm)	230 × 110 × 162mm
core volume (% overall thickness)	25
characteristic unconfined compressive strength (MPa)	5
minimum shell thickness (mm)	Full bed (90mm)
average weight (kg)	4.7
units per tonne	222
number per pallet	300
number per sqm	24.2
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	-
wall mass inc mortar hollow	130

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and Srf ≤ 36 see notes)	60 to 240
integrity (load bearing & Srf < 21.14)	240
integrity (non-load bearing & Srf < 25.83)	240
insulation	180

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing

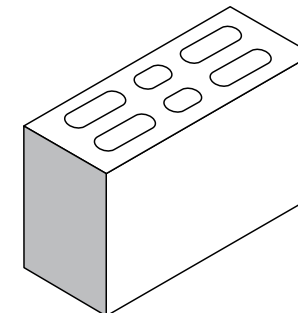
Product Details

range name	AUSTRALITE
finish	SMOOTH
colours	GREY
product code description	11.162SG 110mm DOUBLE HEIGHT BRICK

Properties and Specifications

nominal dimensions (length x width x height mm)	230 × 110 × 162mm
actual dimensions (length x width x height mm)	230 × 110 × 162mm
core volume (% overall thickness)	<25
characteristic unconfined compressive strength (MPa)	10
minimum shell thickness (mm)	n/a
average weight (kg)	6.2
units per tonne	161
number per pallet	300
number per sqm	24.2
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	170

Diagram



Fire Resistance Levels

structural adequacy (when reinforced and Srf ≤ 36 see notes)	60 to 240
integrity (load bearing & Srf < 21.14)	240
integrity (non-load bearing & Srf < 25.83)	240
insulation	180

Notes

Maximum slenderness ratio (Srf) calculated from fire tests and AS3700:2018 clause 6.3.2.2 is:
 60 minutes: 27.83 non load bearing | 22.93 load bearing
 90 minutes: 27.83 non load bearing | 21.31 load bearing
 120 minutes: 26.32 non load bearing | 20.16 load bearing
 180 minutes: 23.30 non load bearing | 18.54 load bearing
 240 minutes: 21.16 non load bearing | 17.39 load bearing