

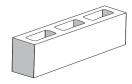
Diagram

range name	AUSTRALITE
product code description	10-01 100MM FULL BLOCKS

Product Details

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x400	
actual dimensions (length x width x height mm)	90x190x390	
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/lm	12.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	115	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.



Diagram

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Product Details

range name	AUSTRALITE
product code description	10-02 100MM THREE QUARTER BLOCKS

Properties and Specifications

Properties and Specificati	ons	
nominal dimensions (length x width x height mm)	100 x 200 x 300	
actual dimensions (length x width x height mm)	90 x 190 x 290	
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/lm	16.7	
durability class (to AS4456.10 - sodium sulphate and sodium chloride) EXPOSURE GRADE		
wall mass inc mortar hollow	n/a	_
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.



Diagram

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Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is: 60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing.

90 minutes: 27.83 NON Loadbearing-------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

Product Details

range name	AUSTRALITE
product code description	10-03 100MM SOLID HALF BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	100 x 200 x 200	
actual dimensions (length x width x height mm)	90 x 190 x 190	
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/lm	25	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

range name

product code | description



Diagram

Properties	and	Specifications

Product Details

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

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing----- 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

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AUSTRALITE

10-31 | 100MM QUARTER SOLID BLOCKS



Diagram

Product Details		
range name	AUSTRALITE	
product code description	10-34 100MM QUARTER SOLID BLOCKS	_
Properties and Spe	ecifications	
nominal dimensions (length x width x height mm)	100 x 200 x 100	_
actual dimensions (length x width x height mm)	90 x 190 x 90	
core volume (% overall thickness)	Solid	
characteristic unconfined compressive strength (MPa)	>10	
minimum shell thickness (mm)	n/a	 Stru
average weight (KG)	2.5	Inte
units per tonne	400	Integ
number per pallet	432	
number per sqm/lm	50	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	M
characteristic unconfined compressive strength (FUC)		9
Light Reflectance Value	-	— 12 18



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

product code |



Diagram

Product Details		
range name	AUSTRALITE	
ct code description	10-83 100MM HALF HEIGHT SOLID BLOCKS	

Properties and Specifications

nominal dimensions (length x width x height mm)	100 x 100x 400	
actual dimensions (length x width x height mm)	90 x 90x 390	
core volume (% overall thickness)	Solid	
characteristic unconfined compressive strength (MPa)	>10	
minimum shell thickness (mm)	n/a	
average weight (KG)	5.9	
units per tonne	169	
number per pallet	288	
number per sqm/lm	25	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	170	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing----- 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.





Product Details		Diagram	
range name	AUSTRALITE		
product code description	12-01SG 110MM FULL BLOCKS		
		Fire Resistance L	evels
Properties and Sp	pecifications	Structural Adequacy (see notes)	60 to 240
nominal dimensions (length x width x height mm)	120x200x400	Integrity - Loadbearing & Srf < 21.14	240
actual dimensions (length x width x height mm)	110x190x390	Integrity NON-Loadbearing & Srf <	
core volume (% overall thickness)	29	25.83	240
characteristic unconfined compressive strength (MPa)	15	Insulation	180
minimum shell thickness (mm)	25	Notes	
average weight (KG)	8.8	Maximum Slenderness ratio (Srf), calculated from Fire Tests ar	
units per tonne	114	AS3700:2011, Clause 6.3.2.2, is: 60 minutes: 27.83 NON Loadbearing22.93 Lo 90 minutes: 27.83 NON Loadbearing21.31 Lo 120 minutes: 26.32 NON Loadbearing20.16 Lo 180 minutes: 23.30 NON Loadbearing18.54 Lo 240 minutes: 21.16 NON Loadbearing17.39 Lo	
number per pallet	150		
number per sqm/lm	12.5		
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE		
wall mass inc mortar hollow	120		
characteristic unconfined compressive strength (FUC)			
Light Reflectance Value	-		



Light Reflectance Value



Product Details		Diagram	
range name	AUSTRALITE		
product code description	12-01FL 110MM FULL BLOCKS		
Properties and Speci	fications		
nominal dimensions (length x width x height mm)	120x200x400		
actual dimensions (length x width x height mm)	110x190x390		
core volume (% overall thickness)	29		
characteristic unconfined compressive strength (MPa)	3		
minimum shell thickness (mm)	25	Fire Resistance L	evels
average weight (KG)	7.5	Structural Adequacy (Srf≤25.8	240
units per tonne	133	from NON-loadbearing fire tests)	
number per pallet	180	Integrity ————————————————————————————————————	240
number per sqm/lm	12.5	Insulation	120
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	UNTESTED - PROTECTED		
wall mass inc mortar hollow	100		
characteristic unconfined compressive strength (FUC)		<u> </u>	



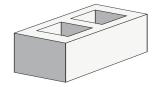
Product Details

range name	AUSTRALITE
product code description	15-01 150MM FULL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	150 x 200 x 400
actual dimensions (length x width x height mm)	140 x 190 x 390
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	15
minimum shell thickness (mm)	25
average weight (KG)	10.0
units per tonne	100
number per pallet	144
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	130
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

range name

product code | description



Diagram

Product Details

Properties and Specificati	ions
nominal dimensions (length x width x height mm)	150 x 200 x 300
actual dimensions (length x width x height mm)	140 x 190 x 290
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/lm	16.7
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing----- 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

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AUSTRALITE

15-02 | 150MM THREE QUARTER BLOCKS



Diagram

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Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

Product Details

range name	AUSTRALITE
product code description	15-22 150MM CORNER BLOCKS

Properties and Specifications

Troporties and Specifical	0113	
nominal dimensions (length x width x height mm)	150 x 200 x 350	
actual dimensions (length x width x height mm)	140 x 190 x 340	
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/lm	14.3	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	



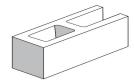
Product Details

range name	AUSTRALITE
product code description	15-49 150MM OPEN END BLOCKS

Properties and Specifications

Properties and Specifical	ions	
nominal dimensions (length x width x height mm)	150x200x400	
actual dimensions (length x width x height mm)	140 x 190 x 390	
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/lm	12.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

range name

product code | description

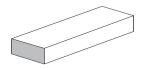


Diagram

	AUSTRALITE
15-83 150MM HALF HEIGHT SOLID BLOCKS	15-83 150MM HALF HEIGHT SOLID BLOCKS

Product Details

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



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	240

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

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Product Details		Diagram	
range name	AUSTRALITE		
product code description	15-48 150MM H BLOCK		
Properties and Specificati			
nominal dimensions (length x width x height mm)	100 x 200 x 400		
actual dimensions (length x width x height mm)	90 x 190 x 390		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	>15		
minimum shell thickness (mm)	30	Fire Resistance Lo	evels
average weight (KG)	9.8	Structural Adequacy (when	240
units per tonne	102	reinforced and Srf≤36 see notes)	
number per pallet	144	Integrity	120
number per sqm/lm	12.5	Insulation (core-filled)	120
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100 Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2	
wall mass inc mortar hollow	300 (inc. concrete fill)		
characteristic unconfined compressive strength (FUC)		Insulation FRL as per AS3700	
Light Reflectance Value	-		

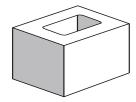


Product Details

range name	AUSTRALITE
product code description	15-03 150MM HALF BLOCKS

Properties and Specifications	
nominal dimensions (length x width x height mm)	150 x 200 x 200
actual dimensions (length x width x height mm)	140 x 190 x 190
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/lm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	n/a
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------ 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

range name

product code | description

Light Reflectance Value



Diagram

Product Details

150x200x400
140x190x390
n/a
15
n/a
12.4
80
120
25 or 2.5/lineal meter as caps
EXPOSURE GRADE
300

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 16	120
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing----- 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing-----18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

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AUSTRALITE

15-12 | 150MM LINTEL OR BOND BEAM BLOCKS



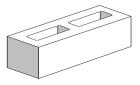
Diagram

Product De	tails
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range name	AUSTRALITE
product code description	15-401 150MM 4 HOUR INSULATION FRL BLOCKS

Properties and Specifications

Properties and Specificati	ons	
nominal dimensions (length x width x height mm)	150 x 200 x 400	
actual dimensions (length x width x height mm)	140 x 190 x 390	
core volume (% overall thickness)	<30	
characteristic unconfined compressive strength (MPa)	10	
minimum shell thickness (mm)	44	
average weight (KG)	15.0	
units per tonne	66	
number per pallet	120	
number per sqm/lm	12.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	180	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	240

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------ 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.





Diagram

Product Details

range name	AUSTRALITE
product code description	15-42 150MM RECESSED WEB OR CHANNEL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x400
actual dimensions (length x width x height mm)	140 x 190 x 390
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/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	300 (inc. concrete fill)
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Fire Resistance Levels

Structural Adequacy (reinforced & core-filled: Srf≤36**. See notes for hollow walls)	240
Integrity when core-filled	120
Integrity when hollow & Loadbeaing & Srf ≤ 21.14	240
Integrity when hollow & NON- Loadbearing & Srf ≤ 25.83	240
Insulation (filled and unfilled)	120

Notes

*One in 4 blocks has unrecessed webs, for corners & ends

**Maximum Slenderness ratio(Srf) from AS3700:2011, Table 6.1

Integrity FRL as per AS3700:2011, Clause 6.4.2

Insulation FRL as per AS3700:2011, Table 6.3

Hollow wall maximum Slenderness ratio (Srf), calculated from Fire

Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

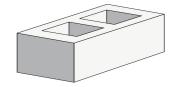


Product Details

range name	AUSTRALITE
product code description	20-01 200MM FULL BLOCKS

Properties and Specifications		
nominal dimensions (length x width x height mm)	200 x 200 x 400	
actual dimensions (length x width x height mm)	190 x 190 x 390	
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/lm	12.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	150	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

This data represents average results from production lots based on the results achieved by samples selected at random for testing. Figures are accurate at date of publication and subject to change without notice. Contact us for confirmation of product specification. Fire resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. The resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. The resistance levels as per AS3700: 2018. The resistance levels as per AS3700: *Srf* < *36*: 240 minutes.



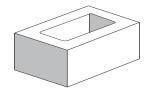
Product Details

range name	AUSTRALITE
product code description	20-02 200MM THREE QUARTER BLOCKS

Properties and Specifications

F	·······
nominal dimensions (length x width x height mm)	200x200x300
actual dimensions (length x width x height mm)	190x190x290
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/lm	17
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	174
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

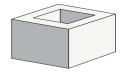


Product Details

range name	AUSTRALITE
product code description	20-03 200MM HALF BLOCKS

Properties and Specifications		
nominal dimensions (length x width x height mm)	200 x 200 x 200	
actual dimensions (length x width x height mm)	190 x 190 x 190	
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/lm	25	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.





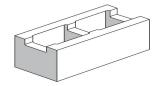
Product Details

range name	AUSTRALITE
product code description	20-42 200MM RECESSED WEB OR CHANNEL CORE-FILL BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	200 x 200 x 400
actual dimensions (length x width x height mm)	190 x 190 x 390
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/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	400 (inc. concrete fill)
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

240
240
240(core filled), 120(unfilled)

Notes

*One in 6 blocks has unrecessed webs, for corners & ends

**Maximum Slenderness ratio(Srf) from AS3700:2011, Table 6.1

Integrity FRL as per AS3700:2011, Clause 6.4.2

Insulation FRL as per AS3700:2011, Table 6.3

Maximum Slenderness ratio (Srf), calculated from Fire Tests and

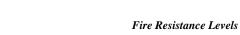
AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing22.93 Loadbearing.
90 minutes: 27.83 NON Loadbearing21.31 Loadbearing.
120 minutes: 26.32 NON Loadbearing20.16 Loadbearing.
180 minutes: 23.30 NON Loadbearing18.54 Loadbearing.
240 minutes: 21.16 NON Loadbearing17.39 Loadbearing.



Product Details		Diagram
range name	AUSTRALITE	
product code description	20-49 200MM CORNER AND END CORE-FILL BLOCKS	

Properties and Specifications nominal dimensions (length x width x height mm) 200x200x400 actual dimensions (length x width x height mm) 190x190x390 core volume (% overall thickness) n/a characteristic unconfined compressive strength (MPa) 15



Structural Adequacy (reinforced & core-filled: Srf≤36** see notes)	240
Integrity (core-filled)	240
Insulation (core-filled)	240

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/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	400
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Notes

Maximum Slenderness ratio (Srf), calculated from AS3700:2100, Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3

Light Reflectance Value



Product Details		Diagram	Diagram	
range name	AUSTRALITE			
product code description	20-96 AND 10-34 200MM C BLOCK CLEAN OUT CORE-FILL BLOCKS (OPTIONAL STABILISER)	_		
Properties and S _I	pecifications		7	
nominal dimensions (length x width x height mm)	200x200x400+100x100x200			
actual dimensions (length x width x height mm)	190x190x390+90x90x190			
core volume (% overall thickness)	na	-		
characteristic unconfined compressive strength (MPa)	n/a	-		
minimum shell thickness (mm)	52/na	Fire Resistance Levels		
average weight (KG)	11.0	Structural Adequacy (when reinforced and Srf≤36 see notes)	240	
units per tonne	250	Integrity	240	
number per pallet	108 & 432	Insulation (core-filled)	240	
number per sqm/lm	12.5	Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100, Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3		
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE			
wall mass inc mortar hollow	n/a			
characteristic unconfined compressive strength (FUC)				





BLOCKS
Fire Resistance Levels
Structural Adequacy (see notes) 60 to 240
Integrity (reinforced) 120
Insulation (filled) 120
Notes
Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:
60 minutes: 27.83 NON Loadbearing22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing21.31 Loadbearing.
120 minutes: 26.32 NON Loadbearing20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing18.54 Loadbearing.
240 minutes: 21.16 NON Loadbearing17.39 Loadbearing.



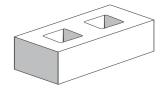
Diagram

Product Details

range name	AUSTRALITE
product code description	20-401 200MM 4 HOUR INSULATION FRL BLOCKS

Properties and Specifications

Properties and Specificat	ions	
nominal dimensions (length x width x height mm)	200 x 200 x 400	
actual dimensions (length x width x height mm)	190 x 190 x 390	
core volume (% overall thickness)	35	
characteristic unconfined compressive strength (MPa)	10	
minimum shell thickness (mm)	40	
average weight (KG)	14.0	
units per tonne	71	
number per pallet	90	
number per sqm/lm	12.5	_
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	_
wall mass inc mortar hollow 200		
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value		



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	240

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing-----18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.



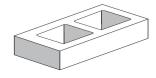
Diagram

Product Details

range name	AUSTRALITE
product code description	20-71 200MM HALF HEIGHT CORE-FILL BLOCKS

Properties and Specifications

Troperties una Specifican	ons	
nominal dimensions (length x width x height mm)	200 x 100 x 400	
actual dimensions (length x width x height mm) 190 x 90 x 390		
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/lm	25	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	168	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	
·		



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	120

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing-----21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing-----18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.



characteristic unconfined compressive strength (FUC)

Light Reflectance Value



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

Product Details		Diagram	
range name	AUSTRALITE		
product code description	20-91 200MM DOUBLE U CORE-FILL BLOCKS	_	
Properties and S	pecifications	_	
nominal dimensions (length x width x height mm)	200x200x400		
actual dimensions (length x width x height mm)	190x190x390		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	15	_	
minimum shell thickness (mm)	30	– Fire Resistance Lo	evels
average weight (KG)	11.2	Structural Adequacy (when	240
units per tonne	89	reinforced and Srf≤36 see notes)	
number per pallet	108	Integrity	240
number per sqm/lm	12.5	Insulation (core-filled)	240
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	 Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100 	
wall mass inc mortar hollow	400 (inc. concrete fill)	Table 6.1	





Product Details		Diagram	
range name	AUSTRALITE		
product code description	20-93 200MM HALF END CORE-FILL BLOCKS	_	
Properties and Sp	ecifications		7
nominal dimensions (length x width x height mm)	200 x 200 x 200		
actual dimensions (length x width x height mm)	190 x 190 x 190		
core volume (% overall thickness)	na		
characteristic unconfined compressive strength (MPa)	n/a	_	
minimum shell thickness (mm)	58	Fire Resistance Levels	
average weight (KG)	7.3	Structural Adequacy (when	240
units per tonne	137	reinforced and Srf≤36 see notes)	
number per pallet	180	Integrity	240
number per sqm/lm	25	Insulation (core-filled)	240
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Notes Notes Maximum Slenderness ratio (Srf), calculated from AS3700:210 Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3	
wall mass inc mortar hollow	n/a		
characteristic unconfined compressive strength (FUC)			
Light Reflectance Value	-	-	

Light Reflectance Value



Product Details		Diagram	
range name	AUSTRALITE		
product code description	20-96 AND 10-03 300MM COMBINED CLEAN-OUT BLOCK		
Properties and	Specifications		
nominal dimensions (length x width x height mm)	200x200x400+100x200x200		
actual dimensions (length x width x height mm)	190x190x390+90x190x190		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	15	•	
minimum shell thickness (mm)	n/a	Fire Resistance Lo	evels
average weight (KG)	9.5	Structural Adequacy (when reinforced and Srf≤36 see notes)	240
units per tonne	74	Integrity	240
number per pallet	108	Insulation (core-filled)	240
number per sqm/lm	25	- Notes	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Maximum Slenderness ratio (Srf), calculated from AS3700:2100,	
wall mass inc mortar hollow	n/a	Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3	
characteristic unconfined compressive strength (FUC)			

Light Reflectance Value



Product Details		Diagram
range name	AUSTRALITE	
product code description	20-48	
Properties and Specificatio	ns	
nominal dimensions (length x width x height mm)	190 x 190 x 390	
actual dimensions (length x width x height mm)	190 x 190 x 390	
core volume (% overall thickness)		
characteristic unconfined compressive strength (MPa)		
minimum shell thickness (mm)		Fire Resistance Levels
average weight (KG)	0.0	
units per tonne		
number per pallet		
number per sqm/lm		
durability class (to AS4456.10 - sodium sulphate and sodium chloride)		
wall mass inc mortar hollow		
characteristic unconfined compressive strength (FUC)		





Product Details		Diagram	
range name	AUSTRALITE		
product code description	30-48 300MM H BLOCK		
Properties and Specifican	300x200x400		
nominal dimensions (length x width x height mm) actual dimensions (length x width x height mm)	290x190x390		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	15		
minimum shell thickness (mm)	40	Fire Resistance L	evels
average weight (KG)	14.0	Structural Adequacy (when	240
units per tonne	72	reinforced and Srf≤36 see notes)	
number per pallet	72	Integrity (core-filled)	240
number per sqm/lm	12.5	Insulation (core-filled)	240
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100	
wall mass inc mortar hollow	600 (inc. concrete fill)	Table 6.1	
characteristic unconfined compressive strength (FUC)		Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3	
Light Reflectance Value	-		





Product Details		Diagram	
range name	AUSTRALITE		
product code description	30-92 FULL END		
Properties and Specification			
nominal dimensions (length x width x height mm)	300 x 200 x 400		
actual dimensions (length x width x height mm)	290 x 190 x 390		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	15		
minimum shell thickness (mm)	n/a	Fire Resistance Le	evels
average weight (KG)	9.3	Structural Adequacy (when	240
units per tonne	107	reinforced and Srf≤36 see notes)	
number per pallet	n/a	Integrity	240
number per sqm/lm	12.5	Insulation (core-filled)	240
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100 Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3	
wall mass inc mortar hollow	n/a		
characteristic unconfined compressive strength (FUC)			
Light Reflectance Value	-		





Product Detai	ls	Diagram	
range name	AUSTRALITE		
product code description	30-93 300MM HALF END BLOCKS		
Properties and Specifications			
nominal dimensions (length x width x height mm)	300 x 200 x 200		
actual dimensions (length x width x height mm)	290 x 190 x 190		
core volume (% overall thickness)	n/a		
characteristic unconfined compressive strength (MPa)	15	_	
minimum shell thickness (mm)	58	Fire Resistance Le	evels
average weight (KG)	8.0	Structural Adequacy (when	240
units per tonne	125	reinforced and Srf≤36 see notes)	
number per pallet	120	Integrity	240
number per sqm/lm	25	Insulation (core-filled)	240
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	Notes Maximum Slenderness ratio (Srf), calculated from AS3700:2100, Table 6.1 Integrity FRL as per AS3700:2011, Clause 6.4.2 Insulation FRL as per AS3700:2011, Table 6.3	
wall mass inc mortar hollow	n/a		
characteristic unconfined compressive strength (FUC)			
Light Reflectance Value	-	_	



Product Deta	ils	Diagram
range name	AUSTRALITE	
product code description	ACOUSTICELL(15AC) MADE TO ORDER	
Properties and Spec	ifications	
nominal dimensions (length x width x height mm)	140 x 190 x 390	
actual dimensions (length x width x height mm)	140 x 190 x 390	
core volume (% overall thickness)	n/a	
characteristic unconfined compressive strength (MPa)	10	
minimum shell thickness (mm)	n/a	Fire Resistance Levels
average weight (KG)	10.8	
units per tonne	93	
number per pallet	120	
number per sqm/lm	12.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	140	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	



Product Details		Diagram
range name	AUSTRALITE	
product code description	50-31 CAPPING TILE	
		Fire Resistance Levels
Properties and Specificat	ions	
nominal dimensions (length x width x height mm)	190 x 40 x 390	
actual dimensions (length x width x height mm)	200 x 50 x 400	
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 sqm/lm	2.5 per lineal metre	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

range name

product code | description



Diagram

69

Diugrani

Properties and Specifications		
nominal dimensions (length x width x height mm)	n/a	
actual dimensions (length x width x height mm)	110 x 119 x 230	
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/lm	32.3	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	

Product Details

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	180

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing------22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing------21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing------20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing------17.39 Loadbearing.

This data represents average results from production lots based on the results achieved by samples selected at random for testing. Figures are accurate at date of publication and subject to change without notice. Contact us for confirmation of product specification. Fire resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. *When reinforced and Srf < 36: 240 minutes.

AUSTRALITE

11-119SG | BRICK-AND-A-HALF

range name

product code | description



Diagram

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-
_

Properties	and S _I	pecifications	

Product Details

Properties and Specificati	ons	
nominal dimensions (length x width x height mm)	n/a	
actual dimensions (length x width x height mm)	110 x 162 x 230	_
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/lm	24.2	_
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	_
wall mass inc mortar hollow	170	_
characteristic unconfined compressive strength (FUC)		_
Light Reflectance Value	-	_

Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	180

Notes

Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is:

60 minutes: 27.83 NON Loadbearing-----22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing----- 21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing-----20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing------18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing-----17.39 Loadbearing.

This data represents average results from production lots based on the results achieved by samples selected at random for testing. Figures are accurate at date of publication and subject to change without notice. Contact us for confirmation of product specification. Fire resistance levels as per AS3700: 2018. Acoustic opinion derived from Day Design Pty Ltd. 2012. Tested in accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS/NZS 1276.1:1999. **OWNER reinforced and accordance with AS 1191:1001 and AS *Srf* < *36*: 240 minutes.

AUSTRALITE

11-162SG | 110MM DOUBLE HEIGHT BRICKS





Product Details		Diagram
range name	AUSTRALITE	
product code description	90-162SG MADE TO ORDER	
Properties and Specifications		
nominal dimensions (length x width x height mm)	90 x 162 x 290	
actual dimensions (length x width x height mm)	90 x 162 x 290	
core volume (% overall thickness)	<25	
characteristic unconfined compressive strength (MPa)	10	
minimum shell thickness (mm)	n/a	Fire Resistance Levels
average weight (KG)	0.0	
units per tonne	n/a	
number per pallet	n/a	
number per sqm/lm	n/a	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	





Product Details		Diagram
range name	AUSTRALITE	
product code description	COMMON COMMON BRICK	
Properties and Specifications		
nominal dimensions (length x width x height mm)	110 x 76 x 230	
actual dimensions (length x width x height mm)	110x76x230	
core volume (% overall thickness)	Solid with frog	
characteristic unconfined compressive strength (MPa)	10	
minimum shell thickness (mm)	n/a	Fire Resistance Levels
average weight (KG)	3.2	
units per tonne	312	
number per pallet	400	
number per sqm/lm	48.5	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	N/A	
wall mass inc mortar hollow	n/a	
characteristic unconfined compressive strength (FUC)		
Light Reflectance Value	-	





Product Details		Diagram	
range name	AUSTRALITE		
product code description	11-162FL 110MM LIGHT WEIGHT, DOUBLE-HEIGHT BRICKS		
Properties and Specifications			
nominal dimensions (length x width x height mm)	n/a		
actual dimensions (length x width x height mm)	110x162x230		
core volume (% overall thickness)	25		
characteristic unconfined compressive strength (MPa)	3		
minimum shell thickness (mm)	N/A	Fire Resistance Levels	
average weight (KG)	4.5	Structural Adequacy (see notes)	60 to 240
units per tonne	222	Integrity	240
number per pallet	300	Insulation	120
number per sqm/lm	24.2	Notes Maximum Slenderness ratio (Srf), calculated from Fire Tests and AS3700:2011, Clause 6.3.2.2, is: 60 minutes: 27.83 NON Loadbearing22.93 Loadbearing. 90 minutes: 27.83 NON Loadbearing21.31 Loadbearing. 120 minutes: 26.32 NON Loadbearing20.16 Loadbearing. 180 minutes: 23.30 NON Loadbearing18.54 Loadbearing. 240 minutes: 21.16 NON Loadbearing17.39 Loadbearing.	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	UNTESTED - PROTECTED		
wall mass inc mortar hollow	130		
characteristic unconfined compressive strength (FUC)			
Light Reflectance Value	-		