

Product Details

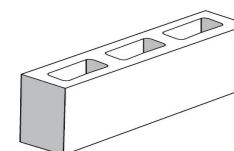
range name	AUSTRALITE
product code description	10-01 100MM FULL BLOCKS

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	-

Diagram



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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Product Details

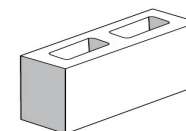
range name	AUSTRALITE
product code description	10-02 100MM THREE QUARTER BLOCKS

Properties and Specifications

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	-

Diagram



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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Product Details

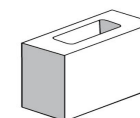
range name	AUSTRALITE
product code description	10-03 100MM SOLID HALF BLOCKS

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	-

Diagram



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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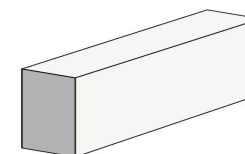
Product Details

range name	AUSTRALITE
product code description	10-31 100MM QUARTER SOLID BLOCKS

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	-

Diagram



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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Product Details

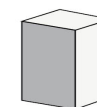
range name	AUSTRALITE
product code description	10-34 100MM QUARTER SOLID BLOCKS

Properties and Specifications

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
average weight (KG)	2.5
units per tonne	400
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
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



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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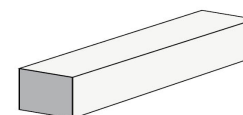
Product Details

range name	AUSTRALITE
product 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	-

Diagram



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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<i>Product Details</i>	
range name	AUSTRALITE
product code description	12-01SG 110MM FULL BLOCKS
<i>Properties and Specifications</i>	
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)	15
minimum shell thickness (mm)	25
average weight (KG)	8.8
units per tonne	114
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	-

<i>Diagram</i>	
<i>Fire Resistance Levels</i>	
Structural Adequacy (see notes)	60 to 240
Integrity - Loadbearing & Srf < 21.14	240
Integrity NON-Loadbearing & Srf < 25.83	240
Insulation	180
<i>Notes</i>	
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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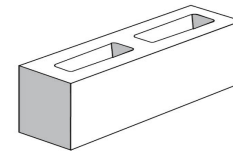
Product Details

range name	AUSTRALITE
product code description	12-01FL 110MM FULL BLOCKS

Properties and Specifications

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
average weight (KG)	7.5
units per tonne	133
number per pallet	180
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	UNTESTED - PROTECTED
wall mass inc mortar hollow	100
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Structural Adequacy (Srf≤25.8 from NON-loadbearing fire tests)	240
Integrity	240
Insulation	120

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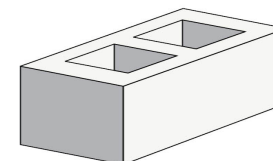
Product Details

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.

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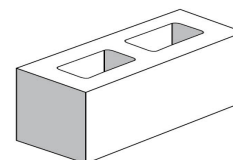
Product Details

range name	AUSTRALITE
product code description	15-02 150MM THREE QUARTER BLOCKS

Properties and Specifications

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	-

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.

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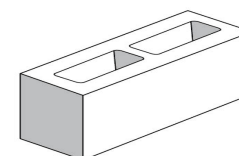
Product Details

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

Properties and Specifications

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	-

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.

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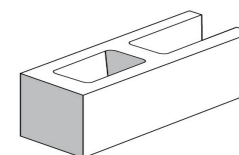
Product Details

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

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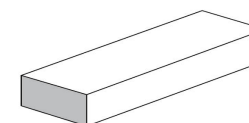
Product Details

range name	AUSTRALITE
product code description	15-83 150MM HALF HEIGHT SOLID BLOCKS

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	-

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	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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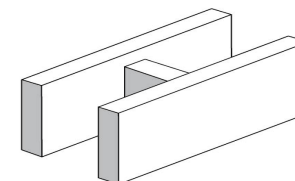
Product Details

range name	AUSTRALITE
product code description	15-48 150MM H BLOCK

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)	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/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	-

Diagram



Fire Resistance Levels

Structural Adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	120
Insulation (core-filled)	120

Notes

Maximum Slenderness ratio (S_{rf}), 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

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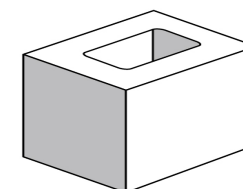
Product Details

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.

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.

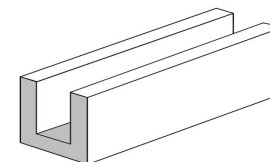
Product Details

range name	AUSTRALITE
product code description	15-12 150MM LINTEL OR BOND BEAM BLOCKS

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x400
actual dimensions (length x width x height mm)	140x190x390
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/lm	25 or 2.5/lineal meter as caps
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	300
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



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.

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.

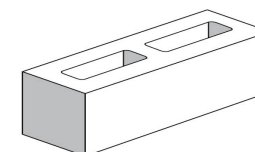
Product Details

range name	AUSTRALITE
product code description	15-401 150MM 4 HOUR INSULATION FRL 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)	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	-

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	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.

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.

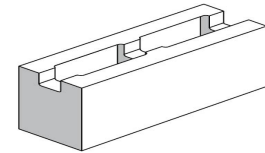
Product Details

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	-

Diagram



Fire Resistance Levels

Structural Adequacy (reinforced & core-filled: $S_{rf} \leq 36^{**}$. See notes for hollow walls)	240
Integrity when core-filled	120
Integrity when hollow & Loadbearing & $S_{rf} \leq 21.14$	240
Integrity when hollow & NON-Loadbearing & $S_{rf} \leq 25.83$	240
Insulation (filled and unfilled)	120

Notes

*One in 4 blocks has unrecessed webs, for corners & ends
 **Maximum Slenderness ratio(S_{rf}) 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 (S_{rf}), 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.

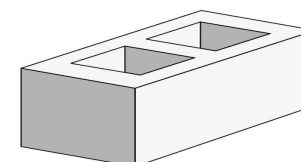
Product Details

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. ^When reinforced and Srf <36: 240 minutes.

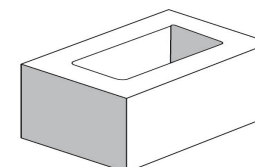
Product Details

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

Properties and Specifications

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.

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.

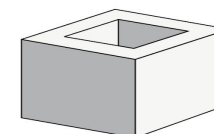
Product Details

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.

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.

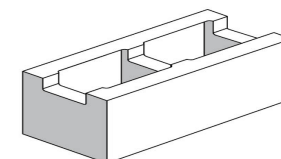
Product Details

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

Structural Adequacy (when reinforced and $S_{rf} \leq 36$ See notes for hollow walls)	240
Integrity when core-filled and Integrity when unfilled and $S_{rf} < 21.14$	240
Insulation	240(core filled), 120(unfilled)

Notes

*One in 6 blocks has unrecessed webs, for corners & ends
 **Maximum Slenderness ratio(S_{rf}) 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 (S_{rf}), 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.

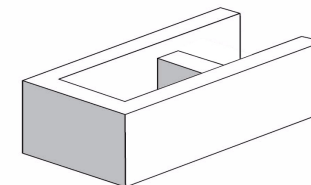
Product Details

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
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	-

Diagram



Fire Resistance Levels

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

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

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.

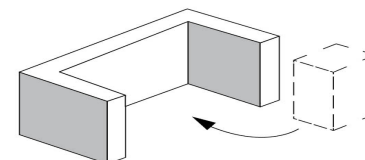
Product Details

range name	AUSTRALITE
product code description	20-96 AND 10-34 200MM C BLOCK CLEAN OUT CORE-FILL BLOCKS (OPTIONAL STABILISER)

Properties and Specifications

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
average weight (KG)	11.0
units per tonne	250
number per pallet	108 & 432
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 (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	240
Insulation (core-filled)	240

Notes

Maximum Slenderness ratio (S_{rf}), 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

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 $S_{rf} < 36$: 240 minutes.

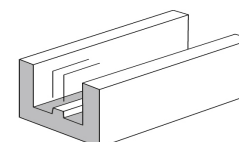
Product Details

range name	AUSTRALITE
product code description	20-12 200MM LINTEL OR BOND BEAM 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)	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/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	-

Diagram



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 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.

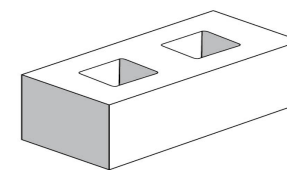
Product Details

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

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	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.

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.

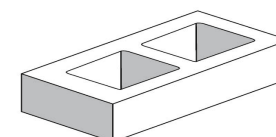
Product Details

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

Properties and Specifications

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	-

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. ^When reinforced and Srf <36: 240 minutes.

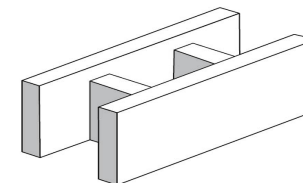
Product Details

range name	AUSTRALITE
product code description	20-91 200MM DOUBLE U 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
minimum shell thickness (mm)	30
average weight (KG)	11.2
units per tonne	89
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

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 AS3700:2100, Table 6.1
Integrity FRL as per AS3700:2011, Clause 6.4.2
Insulation FRL as per AS3700:2011, Table 6.3

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 $S_{rf} < 36$: 240 minutes.

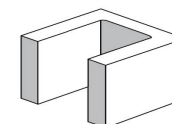
Product Details

range name	AUSTRALITE
product code description	20-93 200MM HALF END CORE-FILL 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)	na
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/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 (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	240
Insulation (core-filled)	240

Notes

Maximum Slenderness ratio (S_{rf}), 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

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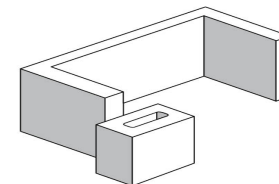
Product Details

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
average weight (KG)	9.5
units per tonne	74
number per pallet	108
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 (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	240
Insulation (core-filled)	240

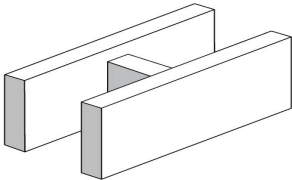
Notes

Maximum Slenderness ratio (S_{rf}), 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

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 $S_{rf} < 36$: 240 minutes.

Product Details	
range name	AUSTRALITE
product code description	20-48
Properties and Specifications	
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)	
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)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

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.

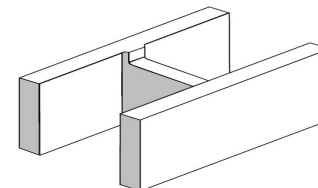
Product Details

range name	AUSTRALITE
product code description	30-48 300MM H BLOCK

Properties and Specifications

nominal dimensions (length x width x height mm)	300x200x400
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
average weight (KG)	14.0
units per tonne	72
number per pallet	72
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	EXPOSURE GRADE
wall mass inc mortar hollow	600 (inc. concrete fill)
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Structural Adequacy (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity (core-filled)	240
Insulation (core-filled)	240

Notes

Maximum Slenderness ratio (S_{rf}), 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

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 $S_{rf} < 36$: 240 minutes.

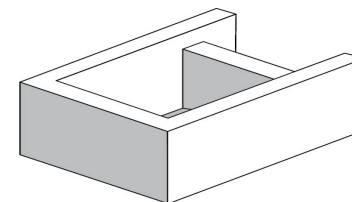
Product Details

range name	AUSTRALITE
product code description	30-92 FULL END

Properties and Specifications

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
average weight (KG)	9.3
units per tonne	107
number per pallet	n/a
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 (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	240
Insulation (core-filled)	240

Notes

Maximum Slenderness ratio (S_{rf}), 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

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 $S_{rf} < 36$: 240 minutes.

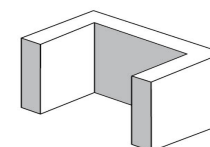
Product Details

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
average weight (KG)	8.0
units per tonne	125
number per pallet	120
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 (when reinforced and $S_{rf} \leq 36$ see notes)	240
Integrity	240
Insulation (core-filled)	240

Notes

Maximum Slenderness ratio (S_{rf}), 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

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 $S_{rf} < 36$: 240 minutes.

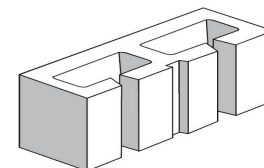
Product Details

range name	AUSTRALITE
product code description	ACOUSTICELL(15AC) MADE TO ORDER

Properties and Specifications

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
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	-

Diagram



Fire Resistance Levels

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.

Product Details		Diagram	
range name		AUSTRALITE	
product code description		50-31 CAPPING TILE	
Properties and Specifications			
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		-	

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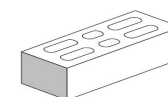
Product Details

range name	AUSTRALITE
product code description	11-119SG BRICK-AND-A-HALF

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	-

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	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.

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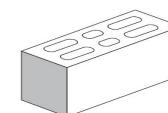
Product Details

range name	AUSTRALITE
product code description	11-162SG 110MM DOUBLE HEIGHT BRICKS

Properties and Specifications

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	-

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	180

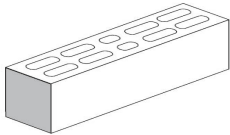
Notes

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.

Product Details	
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
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	-

Diagram



Fire Resistance Levels

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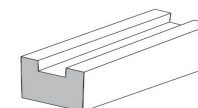
Product Details

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
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	-

Diagram



Fire Resistance Levels

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.

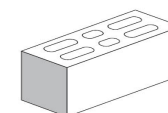
Product Details

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
average weight (KG)	4.5
units per tonne	222
number per pallet	300
number per sqm/lm	24.2
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	-

Diagram



Fire Resistance Levels

Structural Adequacy (see notes)	60 to 240
Integrity	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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