

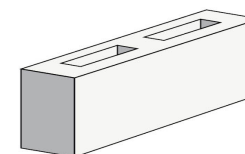
Product Details

range name	ALPHALITE
product code description	10-01 90MM GREY STANDARD

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)	10.2
units per tonne	98
number per pallet	195
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	135
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

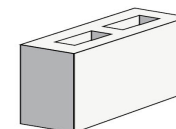
Product Details

range name	ALPHALITE
product code description	10-02

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)	24
average weight (KG)	8.2
units per tonne	122
number per pallet	288
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	NA
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

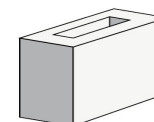
Product Details

range name	ALPHALITE
product code description	10-03 90MM HALF

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)	30
average weight (KG)	4.9
units per tonne	204
number per pallet	360
number per sqm/lm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

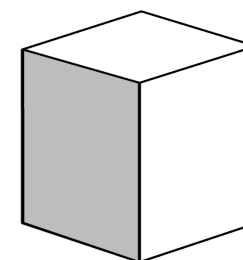
Product Details

range name	ALPHALITE
product code description	10-04

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x100
actual dimensions (length x width x height mm)	90x190x90
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	25
average weight (KG)	10.4
units per tonne	96
number per pallet	195
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	135
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

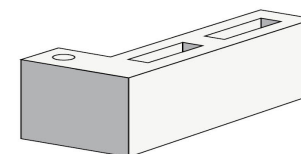
Product Details

range name	ALPHALITE
product code description	10-25

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)	<30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	33
average weight (KG)	16.7
units per tonne	60
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

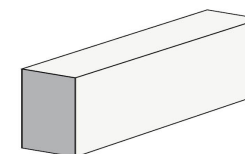
Product Details

range name	ALPHALITE
product code description	10-31

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)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	90
average weight (KG)	12.2
units per tonne	82
number per pallet	108
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

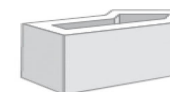
Product Details

range name	ALPHALITE
product code description	10-739 45° SQUINT

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x400
actual dimensions (length x width x height mm)	90x190x390x53x253
core volume (% overall thickness)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	33
average weight (KG)	11.1
units per tonne	90
number per pallet	130
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

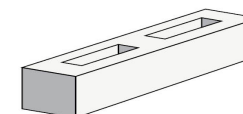
Product Details

range name	ALPHALITE
product code description	10-71 90MM STANDARD HALF HEIGHT

Properties and Specifications

nominal dimensions (length x width x height mm)	100 x 100 x 400
actual dimensions (length x width x height mm)	90 x 90 x 390
core volume (% overall thickness)	28
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	5.3
units per tonne	189
number per pallet	360
number per sqm/lm	25 or 2.5/lineal meter as caps
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	147
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

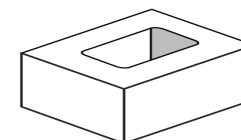
Product Details

range name	ALPHALITE
product code description	10-73

Properties and Specifications

nominal dimensions (length x width x height mm)	100x100x200
actual dimensions (length x width x height mm)	90x90x190
core volume (% overall thickness)	31
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	2.9
units per tonne	345
number per pallet	720
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

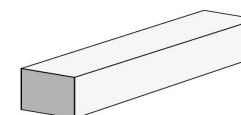
Product Details

range name	ALPHALITE
product code description	10-83 HALF HEIGHT

Properties and Specifications

nominal dimensions (length x width x height mm)	100x100x400
actual dimensions (length x width x height mm)	90x90x390
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	90
average weight (KG)	7.1
units per tonne	141
number per pallet	320
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	(Srf < 26.32) / 120 / 120
Fire Rating (Core Filled)	NA

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.

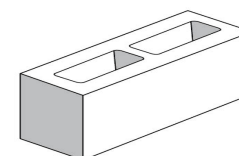
Product Details

range name	ALPHALITE
product code description	12-01 110MM GREY STANDARD

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)	31
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	10.1
units per tonne	99
number per pallet	150
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	134
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 90

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.

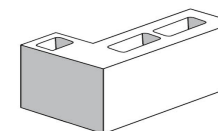
Product Details

range name	ALPHALITE
product code description	12-25 CORNER RETURN

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)	31
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	15.0
units per tonne	66.7
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 90

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.

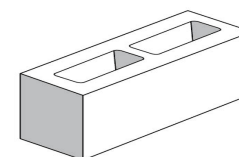
Product Details

range name	ALPHALITE
product code description	12-801

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)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	14.0
units per tonne	71
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 90

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.

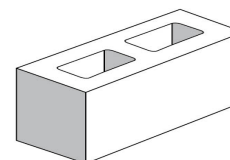
Product Details

range name	ALPHALITE
product code description	12-802

Properties and Specifications

nominal dimensions (length x width x height mm)	110x200x300
actual dimensions (length x width x height mm)	110x190x290
core volume (% overall thickness)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	11.0
units per tonne	91
number per pallet	160
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 90

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	ALPHALITE
product code description	12-739 SQUINT

Properties and Specifications

nominal dimensions (length x width x height mm)	100x110x200x300
actual dimensions (length x width x height mm)	90x110x190x290
core volume (% overall thickness)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	14.2
units per tonne	70
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 90

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.

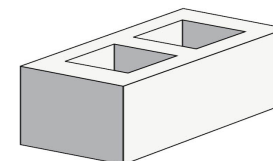
Product Details

range name	ALPHALITE
product code description	15-01 140MM STANDARD

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)	42
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	14.3
units per tonne	70
number per pallet	120
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	186
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

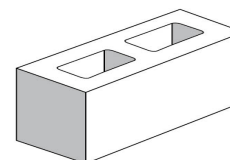
Product Details

range name	ALPHALITE
product code description	15-02 HALF HEIGHT SOLID

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)	28
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	9.7
units per tonne	103
number per pallet	192
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

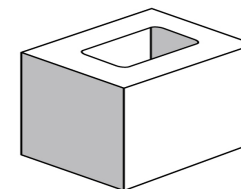
Product Details

range name	ALPHALITE
product code description	15-03 140MM HALF

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)	
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	7.7
units per tonne	130
number per pallet	240
number per sqm/lm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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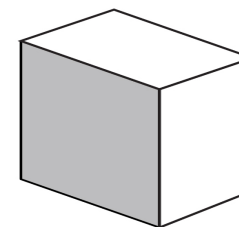
Product Details

range name	ALPHALITE
product code description	15-04

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x200
actual dimensions (length x width x height mm)	140x190x190
core volume (% overall thickness)	Solid
characteristic unconfined compressive strength (MPa)	>10
minimum shell thickness (mm)	25
average weight (KG)	5.0
units per tonne	200
number per pallet	410
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

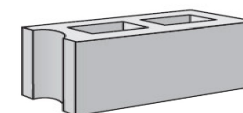
Product Details

range name	ALPHALITE
product code description	15-09 CONTROL JOINT

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)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	11.2
units per tonne	89
number per pallet	96
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

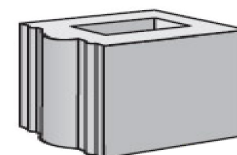
Product Details

range name	ALPHALITE
product code description	15-10 CONTROL HALF JOINT

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x200
actual dimensions (length x width x height mm)	140x190x190
core volume (% overall thickness)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	7.0
units per tonne	142.9
number per pallet	96
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

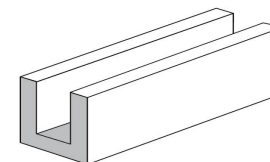
Product Details

range name	ALPHALITE
product code description	15-12 LINTEL

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)	34
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	40
average weight (KG)	17.3
units per tonne	57.8
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

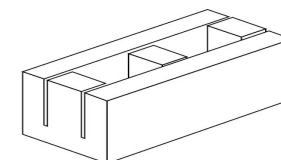
Product Details

range name	ALPHALITE
product code description	15-20 140MM GREY KNOCKOUT

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)	47
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	11.1
units per tonne	90
number per pallet	144
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	148
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

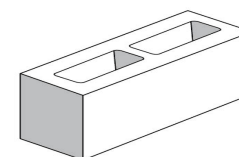
Product Details

range name	ALPHALITE
product code description	15-22 7/8CLOSER OR CORNER BLOCK

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x350
actual dimensions (length x width x height mm)	140x190x340
core volume (% overall thickness)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	10.6
units per tonne	94.3
number per pallet	144
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

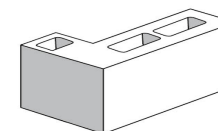
Product Details

range name	ALPHALITE
product code description	15-25 CORNER RETURN

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)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	13.7
units per tonne	73
number per pallet	126
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

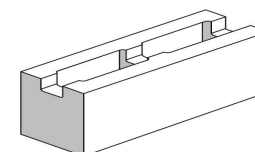
Product Details

range name	ALPHALITE
product code description	15-42 140MM GREY CHANNEL

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)	25
average weight (KG)	11.1
units per tonne	90
number per pallet	144
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	146
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

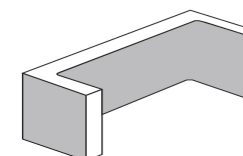
Product Details

range name	ALPHALITE
product code description	15-45 C BLOCK CLEAN OUT

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)	52
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	11.2
units per tonne	89.3
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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	ALPHALITE
product code description	15-48 140MM H BLOCK

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)	38
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	14.3
units per tonne	70
number per pallet	120
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	188
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

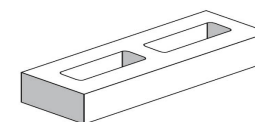
Product Details

range name	ALPHALITE
product code description	15-140 140MM GREY 150 HIGH BLOCK

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)	43
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	8.3
units per tonne	121
number per pallet	192
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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Product Details

range name	ALPHALITE
product code description	15-739 45° SQUINT

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x300
actual dimensions (length x width x height mm)	140x190x290
core volume (% overall thickness)	25
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	12.2
units per tonne	82.3
number per pallet	126
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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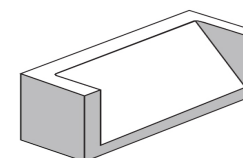
Product Details

range name	ALPHALITE
product code description	15-745 LOUVRE

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x390
actual dimensions (length x width x height mm)	140x190x390
core volume (% overall thickness)	37
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	16.4
units per tonne	61
number per pallet	96
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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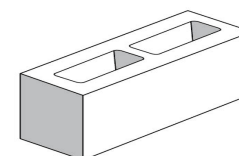
Product Details

range name	ALPHALITE
product code description	15-801 140MM GREY 4 HOUR FIRE RATED BLOCK

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)	18
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	50
average weight (KG)	15.8
units per tonne	63
number per pallet	144
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	213
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	240(Srf < 21.17) / 240 / 240
Fire Rating (Core Filled)	NA

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.

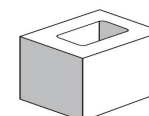
Product Details

range name	ALPHALITE
product code description	15-803

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x200
actual dimensions (length x width x height mm)	140x190x190
core volume (% overall thickness)	18
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	16.4
units per tonne	61
number per pallet	96
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	240(Srf < 21.17) / 240 / 240
Fire Rating (Core Filled)	NA

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.

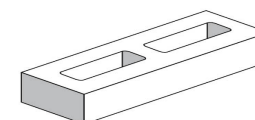
Product Details

range name	ALPHALITE
product code description	15-71 140MM HALF HEIGHT HOLLOW

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x400
actual dimensions (length x width x height mm)	140 x 90 x 390
core volume (% overall thickness)	41
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	5.8
units per tonne	171
number per pallet	240
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

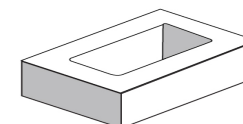
Product Details

range name	ALPHALITE
product code description	15-73 140MM GREY HALF HEIGHT HALF

Properties and Specifications

nominal dimensions (length x width x height mm)	150x200x400
actual dimensions (length x width x height mm)	140 x 90 x 190
core volume (% overall thickness)	39
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	3.1
units per tonne	323
number per pallet	480
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.32) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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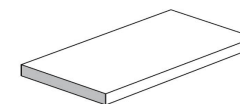
Product Details

range name	ALPHALITE
product code description	75-71 WALL CAP

Properties and Specifications

nominal dimensions (length x width x height mm)	40x150x400
actual dimensions (length x width x height mm)	40x140x390
core volume (% overall thickness)	Nil
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	Nil
average weight (KG)	4.6
units per tonne	217.4
number per pallet	384
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

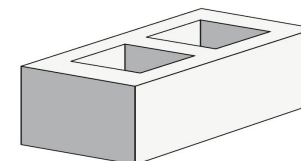
Product Details

range name	ALPHALITE
product code description	20-01 190MM STANDARD

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)	47
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	15.6
units per tonne	64
number per pallet	90
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	204
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

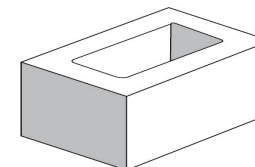
Product Details

range name	ALPHALITE
product code description	20-02 190MM GREY 3/4

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)	GENERAL PURPOSE
wall mass inc mortar hollow	174
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

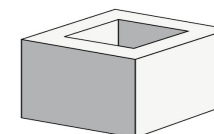
Product Details

range name	ALPHALITE
product code description	20-03 190MM GREY HALF

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x200
actual dimensions (length x width x height mm)	190x190x190
core volume (% overall thickness)	40
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	7.5
units per tonne	133
number per pallet	216 (180 Caloundra)
number per sqm/lm	25
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	192
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

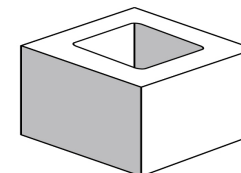
Product Details

range name	ALPHALITE
product code description	20-03 (42) 190MM HALF

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)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

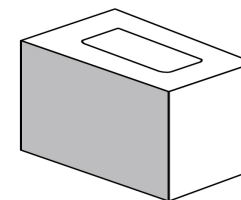
Product Details

range name	ALPHALITE
product code description	20-04

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x100
actual dimensions (length x width x height mm)	90x190x90
core volume (% overall thickness)	Nil
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	5.9
units per tonne	169.5
number per pallet	300
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

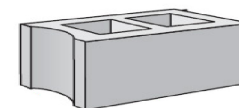
Product Details

range name	ALPHALITE
product code description	20-09

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)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	15.0
units per tonne	66.7
number per pallet	108
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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	ALPHALITE
product code description	20-10 HALF CORNER JOINT

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x200
actual dimensions (length x width x height mm)	190x190x190
core volume (% overall thickness)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	9.6
units per tonne	104.2
number per pallet	72 - Yatala 108 - Caloundra
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

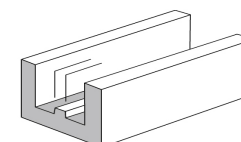
Product Details

range name	ALPHALITE
product code description	20-12 190MM GREY TROUGH BEAM

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)	17.9
units per tonne	56
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	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

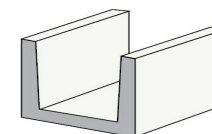
Product Details

range name	ALPHALITE
product code description	20-13 190MM HALF LINTEL

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x200
actual dimensions (length x width x height mm)	190x190x190
core volume (% overall thickness)	50
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	31
average weight (KG)	7.1
units per tonne	142
number per pallet	195
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

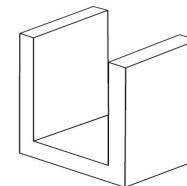
Product Details

range name	ALPHALITE
product code description	20-18 LINTEL

Properties and Specifications

nominal dimensions (length x width x height mm)	200 x 400 x 200
actual dimensions (length x width x height mm)	190 x 390 x 190
core volume (% overall thickness)	54
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	13.0
units per tonne	76.90000000000001
number per pallet	108- Yatala 156-Caloundra
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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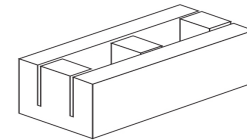
Product Details

range name	ALPHALITE
product code description	20-20 190MM GREY KNOCKOUT

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)	50
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	12.8
units per tonne	78
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	169
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

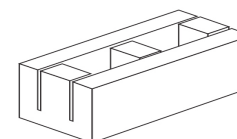
Product Details

range name	ALPHALITE
product code description	20-21 190MM CORNER KNOCKOUT BOND BEAM

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)	78
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	31
average weight (KG)	13.2
units per tonne	76
number per pallet	108
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

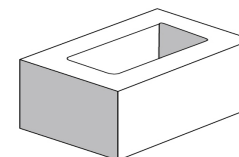
Product Details

range name	ALPHALITE
product code description	20-22 7/8 CLOSURE

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x350
actual dimensions (length x width x height mm)	190x190x340
core volume (% overall thickness)	49
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	25
average weight (KG)	11.0
units per tonne	91
number per pallet	126
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

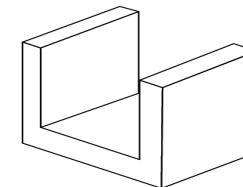
Product Details

range name	ALPHALITE
product code description	20-25 3/4 LINTEL

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x200
actual dimensions (length x width x height mm)	190x190x290
core volume (% overall thickness)	24
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	39
average weight (KG)	11.0
units per tonne	91
number per pallet	144
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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	ALPHALITE
product code description	20-38

Properties and Specifications

nominal dimensions (length x width x height mm)	190 x 100 x 245
actual dimensions (length x width x height mm)	190 x 100 x 245
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	
average weight (KG)	8.6
units per tonne	116
number per pallet	300
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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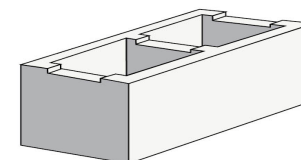
Product Details

range name	ALPHALITE
product code description	20-42 190MM CHANNEL

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)	15.6
units per tonne	64
number per pallet	90
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	204
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

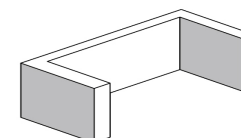
Product Details

range name	ALPHALITE
product code description	20-405 E BLOCK

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)	41
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	39
average weight (KG)	12.4
units per tonne	80.59999999999999
number per pallet	108
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

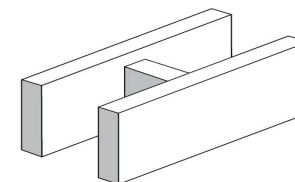
Product Details

range name	ALPHALITE
product code description	20-48 190MM H BLOCK

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)	49
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	15.2
units per tonne	54
number per pallet	90
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	199
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	60 to 240 / 240 / 240

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.

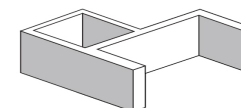
Product Details

range name	ALPHALITE
product code description	20-60 BONDED PILASTE

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x400x400
actual dimensions (length x width x height mm)	190x190x390x390
core volume (% overall thickness)	39
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	31
average weight (KG)	19.3
units per tonne	51.8
number per pallet	72
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

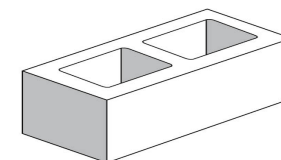
Product Details

range name	ALPHALITE
product code description	20-140

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)	30
average weight (KG)	10.6
units per tonne	94.34
number per pallet	120
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

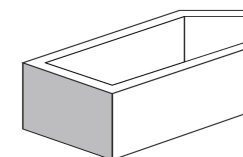
Product Details

range name	ALPHALITE
product code description	20-739 45° SQUINT

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x200x210x10x300
actual dimensions (length x width x height mm)	90x190x190x210x50x290
core volume (% overall thickness)	29
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	10.7
units per tonne	93.5
number per pallet	126
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

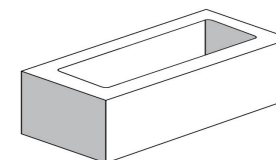
Product Details

range name	ALPHALITE
product code description	20-925 SINGLE CORE

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)	61
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	15.8
units per tonne	63.3
number per pallet	108
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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	ALPHALITE
product code description	50-45 BISCUIT & SPRING

Properties and Specifications

nominal dimensions (length x width x height mm)	40 x 190 x 300
actual dimensions (length x width x height mm)	40 x 190 x 300
core volume (% overall thickness)	
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	
average weight (KG)	4.5
units per tonne	222
number per pallet	Check with local supplier
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

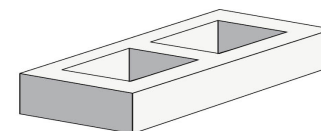
Product Details

range name	ALPHALITE
product code description	20-71 190MM STANDARD HALF HEIGHT

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)	8.0
units per tonne	125
number per pallet	180
number per sqm/lm	25 or 2.5/lineal meter as caps
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	218
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

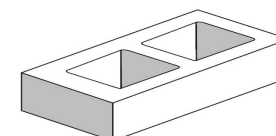
Product Details

range name	ALPHALITE
product code description	20-72 HALF HEIGHT 3/4

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x300
actual dimensions (length x width x height mm)	90x190x290
core volume (% overall thickness)	46
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	4.8
units per tonne	208.3
number per pallet	264
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

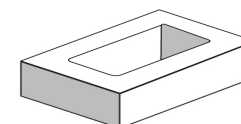
Product Details

range name	ALPHALITE
product code description	20-73 HALF HEIGHT HALF

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x200
actual dimensions (length x width x height mm)	90x190x190
core volume (% overall thickness)	46
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	4.0
units per tonne	250
number per pallet	288 - Caloundra - 360 Yatala
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

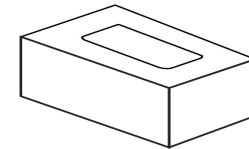
Product Details

range name	ALPHALITE
product code description	20-74 QUARTER

Properties and Specifications

nominal dimensions (length x width x height mm)	100x100x200
actual dimensions (length x width x height mm)	90x90x190
core volume (% overall thickness)	40
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	3.5
units per tonne	285.7
number per pallet	630
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

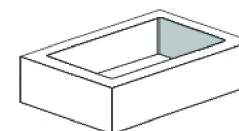
Product Details

range name	ALPHALITE
product code description	30-925 290MM GREY STANDARD

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)	55
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	17.5
units per tonne	57
number per pallet	72
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	228
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

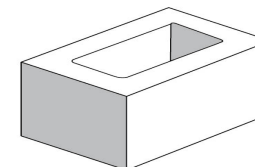
Product Details

range name	ALPHALITE
product code description	30-02 290MM 3/4

Properties and Specifications

nominal dimensions (length x width x height mm)	300x200x300
actual dimensions (length x width x height mm)	290x190x290
core volume (% overall thickness)	>30
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	36
average weight (KG)	17.5
units per tonne	57
number per pallet	80
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

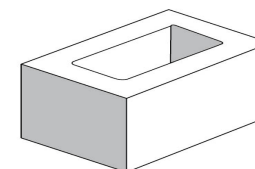
Product Details

range name	ALPHALITE
product code description	30-03 HALF

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)	55
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	34
average weight (KG)	10.1
units per tonne	99
number per pallet	144
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

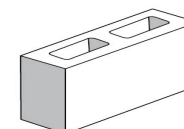
Product Details

range name	ALPHALITE
product code description	30-04 QUARTER

Properties and Specifications

nominal dimensions (length x width x height mm)	100x200x300
actual dimensions (length x width x height mm)	90x190x290
core volume (% overall thickness)	27
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	34
average weight (KG)	8.2
units per tonne	122
number per pallet	192 - Yatala 210- Caloundra
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

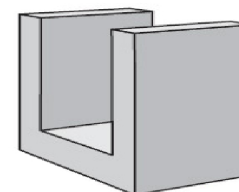
Product Details

range name	ALPHALITE
product code description	30-18 DEEP LINTEL

Properties and Specifications

nominal dimensions (length x width x height mm)	200x300x400
actual dimensions (length x width x height mm)	190x290x390
core volume (% overall thickness)	54
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	38
average weight (KG)	18.0
units per tonne	55.6
number per pallet	72
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

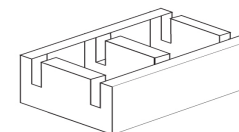
Product Details

range name	ALPHALITE
product code description	30-20 290MM GREY KNOCKOUT

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)	59
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	40
average weight (KG)	22.1
units per tonne	45
number per pallet	50
number per sqm/lm	2.5/lineal meter
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	236
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

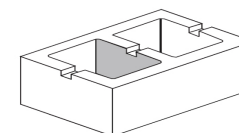
Product Details

range name	ALPHALITE
product code description	30-42 290MM GREY CHANNEL

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)	51
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	17.7
units per tonne	56
number per pallet	72
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	230
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

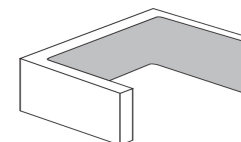
Product Details

range name	ALPHALITE
product code description	30-45 290MM C BLOCK CLEAN OUT

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)	61
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	31
average weight (KG)	22.7
units per tonne	44
number per pallet	72
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

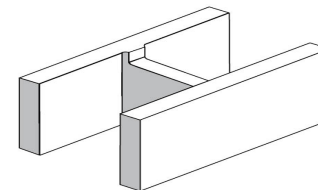
Product Details

range name	ALPHALITE
product code description	30-48 290MM GREY 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)	61
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	30
average weight (KG)	14.9
units per tonne	67
number per pallet	72
number per sqm/lm	12.5
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	195
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

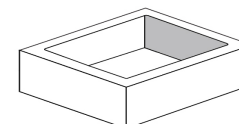
Product Details

range name	ALPHALITE
product code description	40-925 FULL HOLLOW

Properties and Specifications

nominal dimensions (length x width x height mm)	200x200x400x400
actual dimensions (length x width x height mm)	190x190x390x390
core volume (% overall thickness)	61
characteristic unconfined compressive strength (MPa)	>15
minimum shell thickness (mm)	39
average weight (KG)	21.3
units per tonne	46.9
number per pallet	54
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

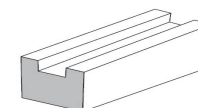
Product Details

range name	ALPHALITE
product code description	48-65 SINGLE HEIGHT BRICK

Properties and Specifications

nominal dimensions (length x width x height mm)	110 x 76 x 390
actual dimensions (length x width x height mm)	110 x 76 x 390
core volume (% overall thickness)	NA
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	NA
average weight (KG)	3.9
units per tonne	256.4
number per pallet	420
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

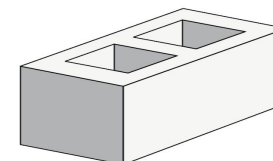
Product Details

range name	ALPHALITE
product code description	80-01 DOUBLE HEIGHT BRICK

Properties and Specifications

nominal dimensions (length x width x height mm)	110 x 162 x 230
actual dimensions (length x width x height mm)	110x162x230
core volume (% overall thickness)	NA
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	NA
average weight (KG)	5.8
units per tonne	172.4
number per pallet	300
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

Diagram



Fire Resistance Levels

Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.

<i>Product Details</i>	
range name	ALPHALITE
product code description	50-31 WALL CAP
<i>Properties and Specifications</i>	
nominal dimensions (length x width x height mm)	190 x 40 x 390
actual dimensions (length x width x height mm)	190 x 40 x 390
core volume (% overall thickness)	Nil
characteristic unconfined compressive strength (MPa)	
minimum shell thickness (mm)	Nil
average weight (KG)	5.7
units per tonne	175.4
number per pallet	288 - Yatala 300- Caloundra
number per sqm/lm	
durability class (to AS4456.10 - sodium sulphate and sodium chloride)	GENERAL PURPOSE
wall mass inc mortar hollow	
characteristic unconfined compressive strength (FUC)	
Light Reflectance Value	-

<i>Diagram</i>	
<i>Fire Resistance Levels</i>	
Fire Rating (Hollow)	120 (Srf < 20.63) / 120 / 90
Fire Rating (Core Filled)	240 (Srf < 15) / 240 / 120

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.