

AUSTRALITE

concrete masonry blocks





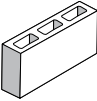



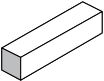
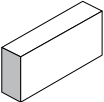
AUSTRALITE™

concrete masonry

All blocks 15MPa and 2-hour fire rating (insulation), unless otherwise noted. All available in Standard Grey.

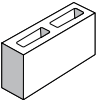
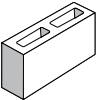
Block Range 100mm series

(f' uc - 15 MPa) 2 hour insulation FRL on Standard Grey blocks unless otherwise specified.

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	10-01	Full	390 L x 90 W x 190 H mm	180	9.5 kg	15	120
	10-02	Three quarter	290 L x 90 W x 190 H mm	240	6.9 kg	15	120
	10-03	Half	190 L x 90 W x 190 H mm	360	4.2 kg	15	120
	10-34	Quarter Solid	90 L x 90 W x 190 H mm	432	2.7 kg	15	120
	10-83	Half high solid	390 L x 90 W x 90 H mm	288	5.5 kg	15	120
	10-31	Solid	390 L x 90 W x 190 H mm	144	11.9 kg	10	120

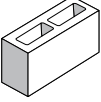
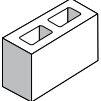

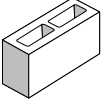
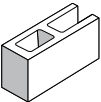
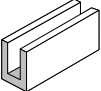
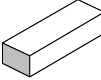
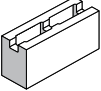
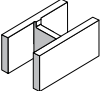
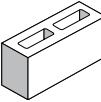
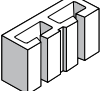
Block Range 120mm series

2 hour insulation FRL.

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	12-01	Full	390 L x 110 W x 190 H mm	150	10.5 kg	15	120
	12-01FL	Full	390 L x 110 W x 190 H mm	150	8.2 kg	3	120

Block Range 150mm series

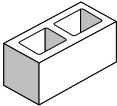
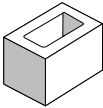

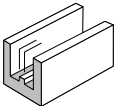
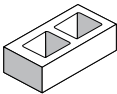
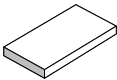
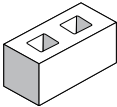
(f' uc - 15 MPa) 2 hour insulation FRL on Standard Grey blocks unless otherwise specified.

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	15-01	Full	390 L x 140 W x 190 H mm	144	10.3 kg	15	120
	15-02	Three quarter	290 L x 140 W x 190 H mm	160	7.7 kg	15	120
	15-03	Half	190 L x 140 W x 190 H mm	252	5.5 kg	15	120
	15-22	Corner	340 L x 140 W x 190 H mm	135	9.6 kg	15	120
	15-49	Open end	390 L x 140 W x 190 H mm	120	9.1 kg	15	120
	15-12	Lintel or bond beam	390 L x 140 W x 190 H mm	120	12.1 kg	15	120
	15-83	Half height solid	390 L x 140 W x 90 H mm	192	8.8 kg	15	120
	15-421*	Recessed web or channel	390 L x 140 W x 190 H mm	144	10.2 kg	15	120
	15-48	H block	390 L x 140 W x 190 H mm	144	10.1 kg	15	120
	15-401	4 hour insulation FRL	390 L x 140 W x 190 H mm	144	15.1 kg	10	240
	Acousticell (15AC)	Full	390 L x 140 W x 190 H mm	120	13.4 kg	15	120

* Note: 1 pallet contains 144 blocks = 108 off 15.42 and 36 off 15.01 Product code: 15.421.

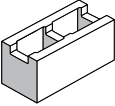
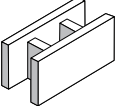
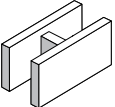

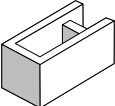
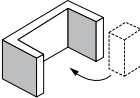
Block Range 200mm series

(f' uc - 15 MPa) 2 hour insulation FRL on Standard Grey blocks unless otherwise specified.

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	20-01	Full	390 L x 190 W x 190 H mm	108	11.6 kg	15	120
	20-02	Three quarter	290 L x 190 W x 190 H mm	120	9.2 kg	15	120
	20-03	Half	190 L x 190 W x 190 H mm	180	7.15 kg	15	120
	20-12	Lintel or bond beam	390 L x 190 W x 190 H mm	90	17.8 kg	15	120
	20-71	Half high	390 L x 190 W x 90 H mm	180	6.5 kg	15	120
	50-31	Capping	390 L x 190 W x 40 H mm	288	7.4 kg	N/A	N/A
	20-401	4 hour insulation FRL	390 L x 190 W x 190 H mm	108	14.1 kg	10	240

Retaining Wall Range 200mm series

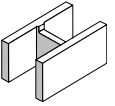

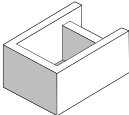
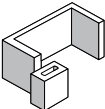
(f' uc - 15 MPa)

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	20-421*	Recessed web	390 L x 190 W x 190 H mm	108	11.6 kg	15	120
	20-91	Stretcher	390 L x 190 W x 190 H mm	108	10.4 kg	15	120
	20-48	H block	390 L x 190 W x 190 H mm	108	10.8 kg	15	120
	20-93	Half end	190 L x 190 W x 190 H mm	180	4.7 kg	15	120
	20-49	Corner & end	390 L x 190 W x 190 H mm	108	13.9 kg	15	120
	20-96 & 10-34 (optional) sold separately	Clean out	390 L x 190 W x 190 H mm 90 L x 90 W x 190 H mm	108 / 432	11.6 / 2.7 kg	15	120

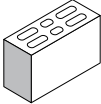
* Note: 1 pallet contains 108 blocks = 90 off 20.42 and 18 off 20.01 Product code: 20.421.

Block Range 300mm series

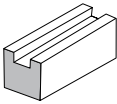
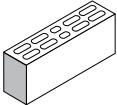
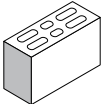
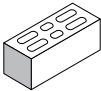
(f' uc - 15 MPa)

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	30-48	H block	390 L x 290 W x 190 H mm	72	14 kg	15	120
	30-93	Half end	190 L x 290 W x 190 H mm	120	8.7 kg	15	120
	30-92	End	390 L x 290 W x 190 H mm	60	16.2 kg	15	120
	20-96 & 10-03 (optional) sold separately	Clean out	390 L x 290 W x 190 H mm 190 L x 90 W x 190 H mm	108 360	11.6 4.2	15 15	120 120

Fire Light (FL) series

Product	Product code	Description	Size	Units per pallet	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)
	11-162FL	Fire Light	230 L x 110 W x 162 H mm	300	4.5 kg	3	120

Concrete commons

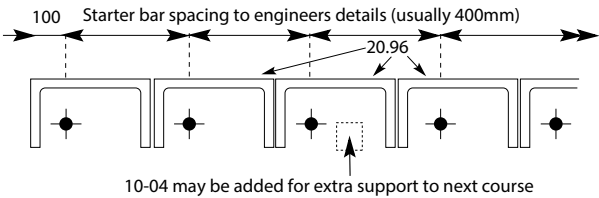
Product	Product code	Size	Units per pallet	Units per square	Weight (approx)	f' uc (MPa)	Insulation FRL (minutes)	Durability
	Common	230 L x 110 W x 76 H mm	500	48.5	4.1 kg	≥ 12	180	EXP
	90-162SG	290 L x 90 W x 162 H mm	288	19.4	4.7 kg	≥ 10	120	EXP
Made to order								
	11-162SG	230 L x 110 W x 162 H mm	250	24.2	6.2 kg	≥ 10	180	EXP
Made to order								
	11-119SG	230 L x 110 W x 119 H mm	350	32.3	4.5 kg	≥ 10	180	EXP
Made to order								

Retaining wall details

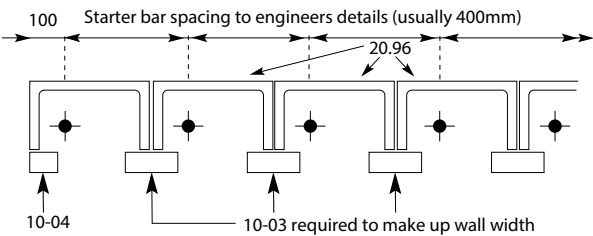
Core fill quantities

Block Type	15-42	15-48	20-01	20-142	20-91	20-48	30-48
No. blocks filled per m ³ of concrete grout	170	150	110	125	100	100	70

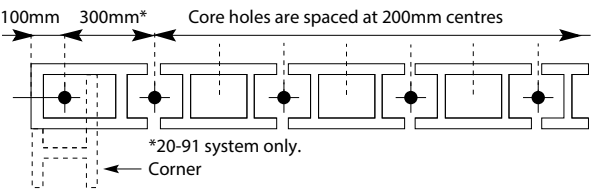
20.421 and 20.48 clean out course and starter bar spacing



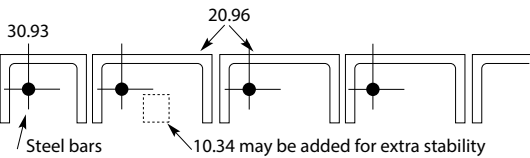
30.48 clean out course and starter bar spacing



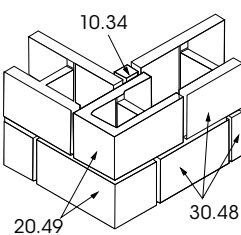
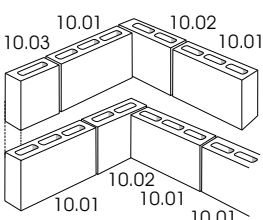
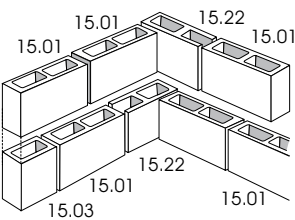
Core spaces at ends and corners for 20.91 systems



200 mm clean out course for 20.91



Corner details







style and function

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1. Stock colours. Colours other than stock colours are made to order. Contact your nearest Austral Masonry office for your area's stock colours. A surcharge applies to orders less than the set minimum quantity. **2. Colour and texture variation.** The supply of raw materials can vary over time. In addition, variation can occur between product types and production batches. **3.** We reserve the right to change the details in this publication without notice. **4.** For a full set of Terms & Conditions of Sale please contact your nearest Austral Masonry sales office. **5. Important Notice.** Please consult with your local council for design regulations prior to the construction of your wall. Councils in general require those walls over 0.5m in height and/or where there is loading such as a car or house near the wall be designed and certified by a suitably qualified engineer. **6. Max wall heights disclaimer.** The gravity wall heights are maximum heights calculated in accordance with CMAA RW03 Appendix D guidelines and a qualified engineer should confirm the suitability of the product for each application. As such, due consideration must be given to but not limited to: Cohesion. Dry backfill, no ingress of any water into the soil behind the retaining wall. All retaining walls are designed for zero surcharge unless noted otherwise. These walls are intended for structure Classification A walls only as defined in AS4678 Earth Retaining Structures as being where failure would result in minimal damage and/or loss of access. The product images shown in this brochure give a general indication of product colour for your preliminary selection. Austral Masonry recommends all customers see actual product samples at a selection centre prior to making final selections.