

**Besser**<sup>®</sup>  
Brick and Block

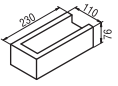
**1800 191 131**  
australianpaving.com



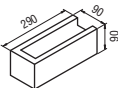
**adbri**MASONRY

| Products | Code | Description | Size (mm)<br>l x h x w | Qty. per<br>pallet | Unit<br>weight<br>(kg) | Unit per<br>m <sup>2</sup> | Price |
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|

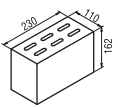
### Brick



|         |                      |                |     |     |    |  |
|---------|----------------------|----------------|-----|-----|----|--|
| D11.076 | Render Brick (Solid) | 230 x 76 x 110 | 450 | 3.9 | 50 |  |
|---------|----------------------|----------------|-----|-----|----|--|

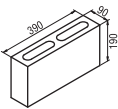


|         |                       |               |     |     |    |  |
|---------|-----------------------|---------------|-----|-----|----|--|
| D11.083 | Modular Brick (Solid) | 290 x 90 x 90 | 340 | 4.8 | 33 |  |
|---------|-----------------------|---------------|-----|-----|----|--|

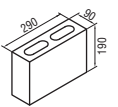


|          |                                   |                 |     |     |    |  |
|----------|-----------------------------------|-----------------|-----|-----|----|--|
| DV11.162 | Quick Brick<br>(Vertically Cored) | 230 x 162 x 110 | 270 | 6.2 | 25 |  |
|----------|-----------------------------------|-----------------|-----|-----|----|--|

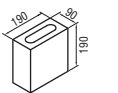
### Block



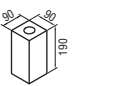
|         |                    |                |     |      |      |  |
|---------|--------------------|----------------|-----|------|------|--|
| D1001.1 | Full Length Hollow | 390 x 190 x 90 | 158 | 11.2 | 12.5 |  |
|---------|--------------------|----------------|-----|------|------|--|



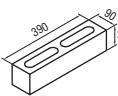
|         |                   |                |     |     |  |  |
|---------|-------------------|----------------|-----|-----|--|--|
| D1002.1 | 3/4 Length Hollow | 290 x 190 x 90 | 213 | 8.2 |  |  |
|---------|-------------------|----------------|-----|-----|--|--|



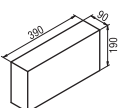
|         |                   |                |     |     |  |  |
|---------|-------------------|----------------|-----|-----|--|--|
| D1003.1 | 1/2 Length Hollow | 190 x 190 x 90 | 323 | 5.4 |  |  |
|---------|-------------------|----------------|-----|-----|--|--|



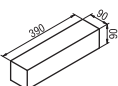
|         |                   |               |     |     |  |  |
|---------|-------------------|---------------|-----|-----|--|--|
| D1004.1 | 1/4 Length Hollow | 90 x 190 x 90 | 645 | 2.9 |  |  |
|---------|-------------------|---------------|-----|-----|--|--|



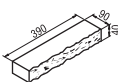
|         |  |               |     |     |  |  |
|---------|--|---------------|-----|-----|--|--|
| D1071.1 | Full Length 1/2 Height<br>Hollow Universal | 390 x 90 x 90 | 315 | 5.0 |  |  |
|---------|--|---------------|-----|-----|--|--|



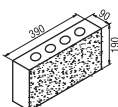
|         |                                |                |     |      |      |  |
|---------|--------------------------------|----------------|-----|------|------|--|
| D1031.1 | Full Length Solid<br>Universal | 390 x 190 x 90 | 110 | 14.4 | 12.5 |  |
|---------|--------------------------------|----------------|-----|------|------|--|



|         |   |               |     |     |    |  |
|---------|---|---------------|-----|-----|----|--|
| D1083.1 | Full Length 1/2 Height<br>Solid Universal | 390 x 90 x 90 | 252 | 6.4 | 25 |  |
|---------|---|---------------|-----|-----|----|--|



|          |                    |               |     |     |  |  |
|----------|--------------------|---------------|-----|-----|--|--|
| D10117.1 | Split Capping Unit | 390 x 40 x 90 | 600 | 3.2 |  |  |
|----------|--------------------|---------------|-----|-----|--|--|

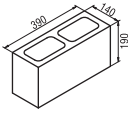


|        |                 |                |     |      |      |  |
|--------|-----------------|----------------|-----|------|------|--|
| 10.101 | Sandhurst Stone | 390 x 190 x 90 | 144 | 13.9 | 12.5 |  |
|--------|-----------------|----------------|-----|------|------|--|

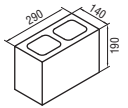
\* Some solid units are provided with splitting guides to enable fabrication of fractions on site.

| Products | Code | Description | Size (mm)<br>l x h x w | Qty. per<br>pallet | Unit<br>weight<br>(kg) | Unit per<br>m <sup>2</sup> | Price |
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|

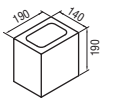
**Block (Continued)**



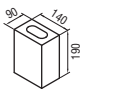
|         |                    |                 |     |      |      |  |
|---------|--------------------|-----------------|-----|------|------|--|
| D1501.1 | Full Length Hollow | 390 x 190 x 140 | 114 | 13.3 | 12.5 |  |
|---------|--------------------|-----------------|-----|------|------|--|



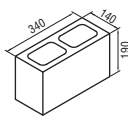
|         |                   |                 |     |      |  |  |
|---------|-------------------|-----------------|-----|------|--|--|
| D1502.1 | 3/4 Length Hollow | 290 x 190 x 140 | 140 | 11.6 |  |  |
|---------|-------------------|-----------------|-----|------|--|--|



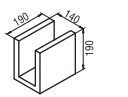
|         |                   |                 |     |     |  |  |
|---------|-------------------|-----------------|-----|-----|--|--|
| D1503.1 | 1/2 Length Hollow | 190 x 190 x 140 | 200 | 7.4 |  |  |
|---------|-------------------|-----------------|-----|-----|--|--|



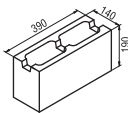
|         |                   |                |     |     |  |  |
|---------|-------------------|----------------|-----|-----|--|--|
| D1504.1 | 1/4 Length Hollow | 90 x 190 x 140 | 400 | 4.1 |  |  |
|---------|-------------------|----------------|-----|-----|--|--|



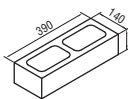
|         |                    |                 |     |      |  |  |
|---------|--------------------|-----------------|-----|------|--|--|
| D1522.1 | 340mm Corner Block | 340 x 190 x 140 | 110 | 11.2 |  |  |
|---------|--------------------|-----------------|-----|------|--|--|



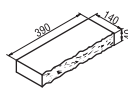
|         |        |                 |     |     |  |  |
|---------|--------|-----------------|-----|-----|--|--|
| D1515.1 | Lintel | 190 x 190 x 140 | 257 | 6.7 |  |  |
|---------|--------|-----------------|-----|-----|--|--|



|         |               |                 |     |      |  |  |
|---------|---------------|-----------------|-----|------|--|--|
| D1542.1 | Notched Block | 390 x 190 x 140 | 114 | 12.6 |  |  |
|---------|---------------|-----------------|-----|------|--|--|



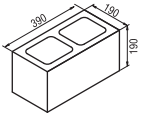
|         |                               |                |     |     |  |  |
|---------|-------------------------------|----------------|-----|-----|--|--|
| D1571.1 | Full Length 1/2 Height Hollow | 390 x 90 x 140 | 190 | 6.1 |  |  |
|---------|-------------------------------|----------------|-----|-----|--|--|



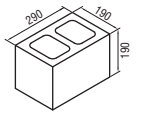
|        |                    |                |     |     |  |  |
|--------|--------------------|----------------|-----|-----|--|--|
| D15117 | Split Capping Unit | 390 x 40 x 140 | 270 | 4.8 |  |  |
|--------|--------------------|----------------|-----|-----|--|--|

| Products | Code | Description | Size (mm)<br>l x h x w | Qty. per<br>pallet | Unit<br>weight<br>(kg) | Unit per<br>m <sup>2</sup> | Price |
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|

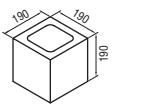
### Block (Continued)



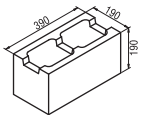
|         |                    |                 |    |      |      |  |
|---------|--------------------|-----------------|----|------|------|--|
| D2001.1 | Full Length Hollow | 390 x 190 x 190 | 90 | 16.5 | 12.5 |  |
|---------|--------------------|-----------------|----|------|------|--|



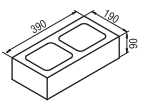
|         |                   |                 |     |      |  |  |
|---------|-------------------|-----------------|-----|------|--|--|
| D2002.1 | 3/4 Length Hollow | 290 x 190 x 190 | 100 | 13.1 |  |  |
|---------|-------------------|-----------------|-----|------|--|--|



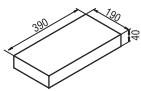
|         |                   |                 |     |     |  |  |
|---------|-------------------|-----------------|-----|-----|--|--|
| D2003.1 | 1/2 Length Hollow | 190 x 190 x 190 | 150 | 8.4 |  |  |
|---------|-------------------|-----------------|-----|-----|--|--|



|         |               |                 |    |      |  |  |
|---------|---------------|-----------------|----|------|--|--|
| D2042.1 | Notched Block | 390 x 190 x 190 | 90 | 15.6 |  |  |
|---------|---------------|-----------------|----|------|--|--|



|         |                               |                |     |     |  |  |
|---------|-------------------------------|----------------|-----|-----|--|--|
| D2071.1 | Full Length 1/2 Height Hollow | 390 x 90 x 190 | 150 | 7.2 |  |  |
|---------|-------------------------------|----------------|-----|-----|--|--|



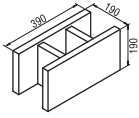
|         |              |                |     |     |  |  |
|---------|--------------|----------------|-----|-----|--|--|
| D5031.1 | Capping Unit | 390 x 40 x 190 | 270 | 6.4 |  |  |
|---------|--------------|----------------|-----|-----|--|--|

### Brick and Block Mesh

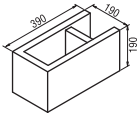
30m Bundles. Available in widths of 50mm, 100mm and 150mm.

| Products | Code | Description | Size (mm)<br>l x h x w | Qty. per<br>pallet | Unit<br>weight<br>(kg) | Unit per<br>m <sup>2</sup> | Price |
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|

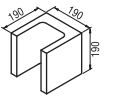
### Retaining Wall Systems



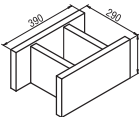
|         |                     |                 |    |      |      |  |
|---------|---------------------|-----------------|----|------|------|--|
| D2091.1 | Double Wedd H Block | 390 x 190 x 190 | 90 | 14.3 | 12.5 |  |
|---------|---------------------|-----------------|----|------|------|--|



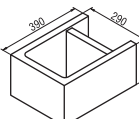
|         |           |                 |    |      |  |  |
|---------|-----------|-----------------|----|------|--|--|
| D2092.1 | End Block | 390 x 190 x 190 | 90 | 14.1 |  |  |
|---------|-----------|-----------------|----|------|--|--|



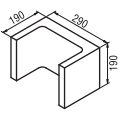
|         |               |                 |     |     |  |  |
|---------|---------------|-----------------|-----|-----|--|--|
| D2093.1 | 1/2 End Block | 190 x 190 x 190 | 189 | 9.1 |  |  |
|---------|---------------|-----------------|-----|-----|--|--|



|         |                     |                 |    |      |      |  |
|---------|---------------------|-----------------|----|------|------|--|
| D3091.1 | Double Webb H Block | 390 x 190 x 290 | 50 | 19.7 | 12.5 |  |
|---------|---------------------|-----------------|----|------|------|--|

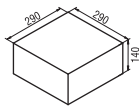


|         |           |                 |    |      |  |  |
|---------|-----------|-----------------|----|------|--|--|
| D3092.1 | End Block | 390 x 190 x 290 | 50 | 20.7 |  |  |
|---------|-----------|-----------------|----|------|--|--|

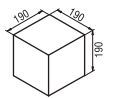


|         |               |                 |     |      |  |  |
|---------|---------------|-----------------|-----|------|--|--|
| D3093.1 | 1/2 End Block | 190 x 190 x 290 | 130 | 11.8 |  |  |
|---------|---------------|-----------------|-----|------|--|--|

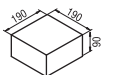
### Base Block Series



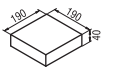
|        |            |                 |    |      |  |  |
|--------|------------|-----------------|----|------|--|--|
| D30350 | Base Block | 290 x 140 x 290 | 60 | 25.6 |  |  |
|--------|------------|-----------------|----|------|--|--|



|       |             |                 |     |      |  |  |
|-------|-------------|-----------------|-----|------|--|--|
| D2033 | 190mm Riser | 190 x 190 x 190 | 120 | 14.7 |  |  |
|-------|-------------|-----------------|-----|------|--|--|



|       |            |                |     |     |  |  |
|-------|------------|----------------|-----|-----|--|--|
| D1033 | 90mm Riser | 190 x 90 x 190 | 240 | 7.2 |  |  |
|-------|------------|----------------|-----|-----|--|--|

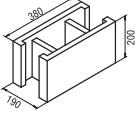
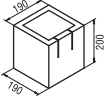
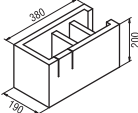
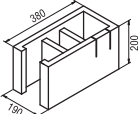
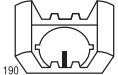


|       |            |                |     |     |  |  |
|-------|------------|----------------|-----|-----|--|--|
| D5033 | 40mm Riser | 190 x 40 x 190 | 540 | 3.2 |  |  |
|-------|------------|----------------|-----|-----|--|--|



| Products | Code | Description | Size (mm)<br>l x h x w | Qty. per<br>pallet | Unit<br>weight<br>(kg) | Unit per<br>m <sup>2</sup> | Price |
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|
|----------|------|-------------|------------------------|--------------------|------------------------|----------------------------|-------|

### Form Block®

|  |         |                             |                 |     |      |    |  |
|--|---------|-----------------------------|-----------------|-----|------|----|--|
|    | F1991.1 | Standard Block              | 380 x 200 x 190 | 72  | 15.7 | 13 |  |
|    | F1993.1 | Standard Half End Block     | 190 x 200 x 190 | 144 | 8.0  |    |  |
|    | F1992.L | Left Hand End Corner Block  | 380 x 200 x 190 | 72  | 14.0 |    |  |
|    | F1992.R | Right Hand End Corner Block | 380 x 200 x 190 | 72  | 14.0 |    |  |
|  | F19BRDG | Form Bridge 190mm           |                 |     |      |    |  |

### Form Block® Grouting

Always refer to the Adbri Masonry Form Block® brochure when installing Form Block® 190mm Series - 1m<sup>3</sup> grout fills approx. 116 standard units.

# Technical Information

## Standards

All Adbri Masonry concrete blockwork is manufactured to AS/NZS4455 - Masonry Units and Segmental Pavers and tested to AS/NZS4456 - Masonry Units and Segmental Pavers/ Methods of Test.

## Fire Resistance

AS3700 - Masonry Structures sets out the method for determining fire resistance of walls based on test data. It is recommended that designers calculate or check the structural adequacy, integrity and insulation for each wall configuration to ensure conformance to the Building Code of Australia (BCA). Adbri Masonry have an extensive range of bricks and blocks meeting the requirements of the BCA. Refer to the Adbri Masonry Fire & Sound brochure for more information.

## Acoustics

The statutory requirements for sound attenuation are set out in Section F5 of the BCA. The new BCA deemed-to-satisfy provisions increase the levels of airborne sound insulation and apply to wall/floor systems tested in the laboratory. These figures are  $R_w + C_{tr}$  not less than 50. Adbri Masonry have a number of high performance wall systems which have been developed to accommodate the new stringent requirements imposed by the BCA, to satisfy all acoustic needs. Refer to the Adbri Masonry Fire and Sound brochure for more information.

## Control Joints

Control joints must be incorporated in masonry as necessary to control and limit the movements referred to in AS3700 clause 2.5.2.2. Control joints should extend the full height of the wall and be spaced 8m centre for concrete units and at 6m centre for light weight units where walls are not interrupted by full height doorways or window openings.

## General Guidelines

All concrete blockwork should be laid dry, so covering on site is recommended. Whenever work is stopped, the tops of walls should be covered to prevent moisture entering the cores of the blocks and/or cavity. All mortar joints should be allowed to set to "thumb print" hardness before tooling. Brush away excess mortar with a semi stiff brush at the end of each days work.

## Cleaning

Care should be taken to keep bricks and blocks as clean as possible during laying. There are various methods of general cleaning from dry brushing, water washing as well as using chemicals. For a complete listing refer to the CMAA Code MA42. When using a weak acid mixture it is recommended for cleaning down at no stronger than 1 part acid to 20 parts water. Walls should be wet thoroughly before application and washed thoroughly with water after application. High water pressure is not recommended. Note: Always trial solution in a small area which is not highly visible.



## AUSTRALIAN PAVING CENTRE

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