



| Product Details   |                            | Diagram                         |           |
|---|----------------------------|---------------------------------|-----------|
| range name  | STANDARD GREY BLOCK        |                                 |           |
| product code   description  | 10-01   90MM GREY STANDARD |                                 |           |
| Properties and Specif   | ications                   |                                 |           |
| nominal dimensions (width x height x length mm)                       | 100 x 200 x 400            | _                               |           |
| actual dimensions (width x height x length mm)                        | 90 x 190 x 390             |                                 |           |
| core volume (% overall thickness)                                     | <30                        |                                 |           |
| characteristic unconfined compressive strength (MPa)                  | > 15                       |                                 |           |
| minimum shell thickness (mm)  | 25                         | Fire Resistance Levels          |           |
| average weight (KG)   | 9.8                        | Structural Adequacy (see notes) | 60 to 240 |
| units per tonne   | 102                        | Integrity                       | 60        |
| number per pallet   | 160                        | Insulation                      | 60        |
| number per sqm/lm   | 12.5                       | Notes                           |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE            |                                 |           |
| wall mass inc mortar hollow   | 130                        |                                 |           |
| characteristic unconfined compressive strength (FUC)                  |                            |                                 |           |
| Light Reflectance Value   | -                          |                                 |           |





| range name STANDARD GREY BLOCK  Product code   description 10-02    Properties and Specifications  nominal dimensions (width x height x length mm) 100 x 200 x 300  actual dimensions (width x height x length mm) 90 x 190 x 290  core volume (% overall thickness) <30  characteristic unconfined compressive strength (MPa)  minimum shell thickness (mm)   | Product Details                                      |                     | Diagram  |           |
|--|--|---------------------|--|-----------|
| Properties and Specifications  nominal dimensions (width x height x length mm) 100 x 200 x 300  actual dimensions (width x height x length mm) 90 x 190 x 290  core volume (% overall thickness) <30  characteristic unconfined compressive strength (MPa)  minimum shell thickness (mm) Fire Resistance Levels  average weight (KG) 8.5 Structural Adequacy (see notes) 60 to 240  units per tonne 117.6470588 Integrity 60  number per pallet Insulation 60  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)  Characteristic unconfined compressive strength (FUC)   | range name   | STANDARD GREY BLOCK |  |           |
| nominal dimensions (width x height x length mm)  actual dimensions (width x height x length mm)  go x 190 x 290  core volume (% overall thickness)  characteristic unconfined compressive strength (MPa)  minimum shell thickness (mm)  average weight (KG)  average weight (KG)  average weight (KG)  117.6470588  Integrity  60  number per pallet  Insulation  60  Notes  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:  wall mass inc mortar hollow  characteristic unconfined compressive strength (FUC)  | product code   description                           | 10-02               |  |           |
| actual dimensions (width x height x length mm)  Core volume (% overall thickness)  Characteristic unconfined compressive strength (MPa)  Minimum shell thickness (mm)  Average weight (KG)  Units per tonne  117.6470588  Integrity  Insulation  Nates  Auability class (to AS4456.10 - sodium sulphate and sodium chloride)  Wall mass inc mortar hollow  Characteristic unconfined compressive strength (FUC)  Assignment of the company | Properties and Specifica                             | utions              |  |           |
| core volume (% overall thickness) < 30  characteristic unconfined compressive strength (MPa)  minimum shell thickness (mm)  average weight (KG)  units per tonne  117.6470588  Integrity  60  number per pallet  number per sqm/lm  (to AS4456.10 - sodium sulphate and sodium chloride)  Characteristic unconfined compressive strength (FUC)  Characteristic unconfined compressive strength (FUC)  Associated with thickness (MPa)  Structural Adequacy (see notes)  60 to 240  Structural Adequacy (see notes)  60 to 240  Insulation  60  Maximum Slendemess ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 17.0 at 90 minutes 15.5 at 180 minutes | nominal dimensions (width x height x length mm)      | 100 x 200 x 300     | _  |           |
| Characteristic unconfined compressive strength (MPa)  minimum shell thickness (mm)  average weight (KG)  8.5  Structural Adequacy (see notes) 60 to 240  units per tonne 117.6470588  Integrity 60  number per pallet Insulation 60  number per sqm/lm  durability class (to AS4456.10 - sodium sulphate and sodium chloride) GENERAL PURPOSE  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 18.0 at 60 minutes 17.0 at 120 minutes 16.0 at 120 minutes 15.5 at 180 minutes   | actual dimensions (width x height x length mm)       | 90 x 190 x 290      |  |           |
| minimum shell thickness (mm)  average weight (KG)  8.5  Structural Adequacy (see notes) 60 to 240  units per tonne 117.6470588 Integrity 60  Insulation 60  number per pallet  number per sqm/Im  Avites  (to AS4456.10 - sodium sulphate and sodium chloride) Characteristic unconfined compressive strength (FUC)  GENERAL PURPOSE  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 16.0 at 120 minutes 15.5 at 180 minut | core volume (% overall thickness)                    | <30                 |  |           |
| average weight (KG)  8.5  Structural Adequacy (see notes) 60 to 240  Integrity 60  number per pallet Insulation 60  number per sqm/lm  Average weight (KG)  GENERAL PURPOSE  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 15.5 at 180 minutes 15.5 at 180 minutes 15.5 at 180 minutes   | characteristic unconfined compressive strength (MPa) |                     |  |           |
| units per tonne 117.6470588 Integrity 60  number per pallet Insulation 60  number per sqm/Im  durability class (to AS4456.10 - sodium sulphate and sodium chloride) GENERAL PURPOSE Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:  wall mass inc mortar hollow 18.0 at 60 minutes 17.0 at 90 minutes 15.5 at 180 min | minimum shell thickness (mm)                         |                     | Fire Resistance Levels                                 |           |
| number per pallet  number per sqm/lm  Aurability class (to AS4456.10 - sodium sulphate and sodium chloride)  Wall mass inc mortar hollow  Characteristic unconfined compressive strength (FUC)  Insulation  Notes  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:  18.0 at 60 minutes 17.0 at 90 minutes 15.5 at 120 minutes 15.5 at 120 minutes  | average weight (KG)                                  | 8.5                 | Structural Adequacy (see notes)                        | 60 to 240 |
| number per sqm/lm    Motes   | units per tonne                                      | 117.6470588         | Integrity  | 60        |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)  Wall mass inc mortar hollow  Characteristic unconfined compressive strength (FUC)  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:  18.0 at 60 minutes  17.0 at 90 minutes  15.5 at 240 minutes   | number per pallet                                    |                     | Insulation   | 60        |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)  Wall mass inc mortar hollow  Characteristic unconfined compressive strength (FUC)  GENERAL PURPOSE  Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:  18.0 at 60 minutes  17.0 at 90 minutes  16.0 at 120 minutes  15.5 at 240 minutes   | number per sqm/lm                                    |                     | Notas  |           |
| wall mass inc mortar hollow  18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes   |  | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fro |           |
| characteristic unconfined compressive strength (FUC)  16.0 at 120 minutes 15.5 at 180 minutes  |  |                     | 18.0 at 60 min   | utes      |
| 15.5 at 2/10 minutes   |  |                     | 16.0 at 120 mir  | nutes     |
|  | Light Reflectance Value                              | -                   |  |           |





| Product Details   |                     | Diagram   |           |
|---|---------------------|---|-----------|
| range name  | STANDARD GREY BLOCK |   |           |
| product code   description  | 10-03   90MM HALF   |   |           |
| Properties and Specificat   | ions                |   |           |
| nominal dimensions (width x height x length mm)                       | 100 x 200 x 200     |   |           |
| actual dimensions (width x height x length mm)                        | 90 x 190 x 190      |   |           |
| core volume (% overall thickness)                                     | <30                 |   |           |
| characteristic unconfined compressive strength (MPa)                  | >15                 |   |           |
| minimum shell thickness (mm)  | 30                  | Fire Resistance 1   | Levels    |
| average weight (KG)   | 4.9                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne   | 204                 | Integrity   | 60        |
| number per pallet   | 360                 | Insulation  | 60        |
| number per sqm/lm   | 25                  | Notes Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fron AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow   |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes  |           |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 minutes<br>15.5 at 180 minutes<br>15.5 at 240 minutes                   |           |
| Light Reflectance Value   | -                   |   |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 10-201              |   |           |
| Properties and Specific  | ations              |   |           |
| nominal dimensions (width x height x length mm)                                  | 100 x 172 x 400     |   |           |
| actual dimensions (width x height x length mm)                                   | 90 x 162 x 390      |   |           |
| core volume (% overall thickness)  | <30                 |   |           |
| characteristic unconfined compressive strength (MPa)                             |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 10.3                | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 97.08737864         | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride)         | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fr AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 min<br>17.0 at 90 min  | utes      |
|  |                     | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes   |           |
|  |                     |   |           |





| Product Details  |                     | Diagram  |           |
|--|---------------------|--|-----------|
| range name   | STANDARD GREY BLOCK |  |           |
| product code   description   | 10-203              |  |           |
| Properties and Specifica   | tions               |  |           |
| nominal dimensions (width x height x length mm)                                  | 100 x 172 x 200     | _  |           |
| actual dimensions (width x height x length mm)                                   | 90 x 162 x 190      |  |           |
| core volume (% overall thickness)  | <30                 |  |           |
| characteristic unconfined compressive strength (MPa)                             |                     |  |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels                                 |           |
| average weight (KG)  | 0.0                 | Structural Adequacy (see notes)                        | 60 to 240 |
| units per tonne  |                     | Integrity  | 60        |
| number per pallet  |                     | Insulation   | 60        |
| number per sqm/lm  |                     | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride)         | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fro |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 min<br>17.0 at 90 min                       | utes      |
|  |                     | 16.0 at 120 mir<br>15.5 at 180 mir                     | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes                                    |           |





| Product Details  |  | Diagram  |           |
|--|--|--|-----------|
| range name   | STANDARD GREY BLOCK                                  |  |           |
| product code   description   | 10-31  |  |           |
| Properties and Specifica   | tions  |  |           |
| nominal dimensions (width x height x length mm)                          | 100 x 200 x 400                                      | _  |           |
| actual dimensions (width x height x length mm)                           | 90 x 190 x 390                                       |  |           |
| core volume (% overall thickness)  |  |  |           |
| characteristic unconfined compressive strength (MPa)                     |  |  |           |
| minimum shell thickness (mm)   |  | Fire Resistance Levels                                 |           |
| average weight (KG)  | 14.8   | Structural Adequacy (see notes)                        | 60 to 240 |
| units per tonne  | 67.56756757  | Integrity  | 60        |
| number per pallet  |  | Insulation   | 60        |
| number per sqm/lm  |  | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE                                      | Maximum Slenderness ratio (Srf) of hollow masonry, fro |           |
| wall mass inc mortar hollow  |  | 18.0 at 60 minutes<br>17.0 at 90 minutes               |           |
| characteristic unconfined compressive strength (FUC)                     | characteristic unconfined compressive strength (FUC) |  | iutes     |
| Light Reflectance Value  | -  | 15.5 at 240 minutes                                    |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 10-33               |   |           |
| Properties and Specifi   | cations             |   |           |
| nominal dimensions (width x height x length mm)                                  | 100 x 200 x 200     |   |           |
| actual dimensions (width x height x length mm)                                   | 90 x 190 x 190      |   |           |
| core volume (% overall thickness)  |                     |   |           |
| characteristic unconfined compressive strength (MPa)                             |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 5.7                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 175.4385965         | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride)         | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fr AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes  |           |
|  |                     | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes   |           |
|  |                     |   |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 10-34               |   |           |
| Properties and Specifica   | tions               |   |           |
| nominal dimensions (width x height x length mm)                                  | 100 x 200 x 100     |   |           |
| actual dimensions (width x height x length mm)                                   | 90 x 190 x 90       |   |           |
| core volume (% overall thickness)  |                     |   |           |
| characteristic unconfined compressive strength (MPa)                             |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 3.4                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 294.1176471         | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)            | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes  |           |
|  |                     | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes   |           |





| Product Details  |                              | Diagram   |           |
|--|------------------------------|---|-----------|
| range name   | STANDARD GREY BLOCK          |   |           |
| product code   description   | 10-83                        |   |           |
| Properties and Specifica   | tions                        |   |           |
| nominal dimensions (width x height x length mm)                          | 100 x 100x 400               |   |           |
| actual dimensions (width x height x length mm)                           | 90 x 90x 390                 |   |           |
| core volume (% overall thickness)  |                              |   |           |
| characteristic unconfined compressive strength (MPa)                     |                              |   |           |
| minimum shell thickness (mm)   | minimum shell thickness (mm) |   | Levels    |
| average weight (KG)  | 6.8                          | Structural Adequacy (see notes)                                   | 60 to 240 |
| units per tonne  | 147.0588235                  | Integrity   | 60        |
| number per pallet  |                              | Insulation  | 60        |
| number per sqm/lm  |                              | Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE              | Maximum Slenderness ratio (Srf) of hollow masonry, fro            |           |
| wall mass inc mortar hollow  |                              | 18.0 at 60 minutes<br>17.0 at 90 minutes                          |           |
| characteristic unconfined compressive strength (FUC)                     |                              | 16.0 at 120 minutes<br>15.5 at 180 minutes<br>15.5 at 240 minutes |           |
| Light Reflectance Value  | -                            |   |           |





| Product Details   |                     | Diagram  |           |
|---|---------------------|--|-----------|
| range name  | STANDARD GREY BLOCK |  |           |
| product code   description  | 12-801              |  |           |
| Properties and Specifications   |                     |  |           |
| nominal dimensions (width x height x length mm)  actual dimensions (width x height x length mm) |                     |  |           |
| core volume (% overall thickness)   |                     |  |           |
| characteristic unconfined compressive strength (MPa)  |                     |  |           |
| minimum shell thickness (mm)  |                     | Fire Resistance Levels   |           |
| average weight (KG)   | 0.0                 | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne   |                     | Integrity  | 60        |
| number per pallet   |                     | Insulation   | 60        |
| number per sqm/lm   |                     | Notes Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride)                        | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, f AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC)                |                     | 18.0 at 60 minutes 17.0 at 90 minutes  |           |
|   |                     | 16.0 at 120 mi<br>15.5 at 180 mi   | nutes     |
| Light Reflectance Value   | -                   | 15.5 at 240 minutes  |           |





| Product Details   | Product Details               |   |           |
|---|-------------------------------|---|-----------|
| range name  | STANDARD GREY BLOCK           |   |           |
| product code   description  | 15-01   140MM STANDARD        |   |           |
| Properties and Specific   | Properties and Specifications |   |           |
| nominal dimensions (width x height x length mm)                       | 150 x 200 x 400               |   |           |
| actual dimensions (width x height x length mm)                        | 140 x 190 x 390               |   |           |
| core volume (% overall thickness)                                     | 42                            |   |           |
| characteristic unconfined compressive strength (MPa)                  | >15                           |   |           |
| minimum shell thickness (mm)  | 25                            | Fire Resistance 1   | Levels    |
| average weight (KG)   | 14.3                          | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne   | 70                            | Integrity   | 60        |
| number per pallet   | 120                           | Insulation  | 60        |
| number per sqm/lm   | 12.5                          | Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE               | Maximum Slenderness ratio (Srf) of hollow m AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow   | 186                           | 18.0 at 60 min<br>17.0 at 90 min  | utes      |
| characteristic unconfined compressive strength (FUC)                  |                               | 16.0 at 120 minutes<br>15.5 at 180 minutes<br>15.5 at 240 minutes       |           |
| Light Reflectance Value   | -                             |   |           |





| Product Details  |                     | Diagram  |           |
|--|---------------------|--|-----------|
| range name   | STANDARD GREY BLOCK |  |           |
| product code   description   | 15-02               |  |           |
| Properties and Specific  | utions              |  |           |
| nominal dimensions (width x height x length mm)                                  | 200 x 300 x 400     |  |           |
| actual dimensions (width x height x length mm)                                   | 190 x 290 x 290     |  |           |
| core volume (% overall thickness)  |                     |  |           |
| characteristic unconfined compressive strength (MPa)                             |                     |  |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels   |           |
| average weight (KG)  | 9.7                 | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 103.0927835         | Integrity  | 60        |
| number per pallet  |                     | Insulation   | 60        |
| number per sqm/lm  |                     | Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)            | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, f AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes   |           |
|  |                     | 16.0 at 120 min<br>15.5 at 180 min   | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes  |           |





| Product Details   |                     | Diagram  |           |
|---|---------------------|--|-----------|
| range name  | STANDARD GREY BLOCK |  |           |
| product code   description  | 15-03   140MM HALF  |  |           |
| Properties and Specifica  | tions               |  |           |
| nominal dimensions (width x height x length mm)                       | 150 x 200 x 200     |  |           |
| actual dimensions (width x height x length mm)                        | 140 x 190 x 190     |  |           |
| core volume (% overall thickness)                                     |                     |  |           |
| characteristic unconfined compressive strength (MPa)                  | >15                 |  |           |
| minimum shell thickness (mm)  | 30                  | Fire Resistance Levels                           |           |
| average weight (KG)   | 7.7                 | Structural Adequacy (see notes)                  | 60 to 240 |
| units per tonne   | 130                 | Integrity  | 60        |
| number per pallet   | 240                 | Insulation                                       | 60        |
| number per sqm/lm   | 25                  | Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) AS3700:2011, Tab |           |
| wall mass inc mortar hollow   |                     | 18.0 at 60 min<br>17.0 at 90 min                 | utes      |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 mir<br>15.5 at 180 mir               | nutes     |
| Light Reflectance Value   | -                   | 15.5 at 240 min                                  |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 15-12               |   |           |
| Properties and Specifications  |                     |   |           |
| nominal dimensions (width x height x length mm)                          | 150 x 200 x 400     |   |           |
| actual dimensions (width x height x length mm)                           | 140 x 190 x 390     |   |           |
| core volume (% overall thickness)  |                     |   |           |
| characteristic unconfined compressive strength (MPa)                     |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 12.1                | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 82.6446281          | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masor AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow  |                     | 18.0 at 60 min<br>17.0 at 90 min  | utes      |
| characteristic unconfined compressive strength (FUC)                     |                     | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 mir   | utes      |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 15-22               |   |           |
| Properties and Specific  | ations              |   |           |
| nominal dimensions (width x height x length mm)                          | 150 x 200 x 350     |   |           |
| actual dimensions (width x height x length mm)                           | 140 x 190 x 340     |   |           |
| core volume (% overall thickness)  |                     |   |           |
| characteristic unconfined compressive strength (MPa)                     |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 9.6                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 104.1666667         | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow mas AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes |           |
| wall mass inc mortar hollow  |                     |   |           |
| characteristic unconfined compressive strength (FUC)                     |                     | 16.0 at 120 mi<br>15.5 at 180 mi  | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 mi  | nutes     |



Light Reflectance Value



| Product Details  | •                          | Diagram  |           |
|--|----------------------------|--|-----------|
| range name   | STANDARD GREY BLOCK        |  |           |
| product code   description   | 15-42   140MM GREY CHANNEL |  |           |
| Properties and Specifi   | cations                    | 20   |           |
| nominal dimensions (width x height x length mm)                          | 150x200x400                |  |           |
| actual dimensions (width x height x length mm)                           | 140 x 190 x 390            |  |           |
| core volume (% overall thickness)  | 41                         |  |           |
| characteristic unconfined compressive strength (MPa)                     | >15                        |  |           |
| minimum shell thickness (mm)   | 25                         | Fire Resistance 1                                    | Levels    |
| average weight (KG)  | 11.1                       | Structural Adequacy (see notes)                      | 60 to 240 |
| units per tonne  | 90                         | Integrity  | 60        |
| number per pallet  | 144                        | Insulation   | 60        |
| number per sqm/lm  | 12.5                       | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE            | Maximum Slenderness ratio (Srf) ( AS3700:2011, Table |           |
| wall mass inc mortar hollow  | 146                        | 18.0 at 60 min<br>17.0 at 90 min                     | utes      |
| characteristic unconfined compressive strength (FUC)                     |                            | 16.0 at 120 mir<br>15.5 at 180 mir                   | nutes     |
| Light Reflectance Value  | _                          | 15.5 at 240 mir                                      |           |





| Product Details  |                       | Diagram  |           |
|--|-----------------------|--|-----------|
| range name   | STANDARD GREY BLOCK   |  |           |
| product code   description   | 15-48   140MM H BLOCK |  |           |
| Properties and Specification nominal dimensions (width x height x length mm) | 150 x 200 x 400       |  |           |
| actual dimensions (width x height x length mm)                               | 140 x 190 x 390       |  |           |
| core volume (% overall thickness)  | 38                    |  |           |
| characteristic unconfined compressive strength (MPa)                         | >15                   |  |           |
| minimum shell thickness (mm)   | 30                    | Fire Resistance Levels   |           |
| average weight (KG)  | 14.3                  | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 70                    | Integrity  | 60        |
| number per pallet  | 120                   | Insulation   | 60        |
| number per sqm/lm  | 12.5                  | Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)        | GENERAL PURPOSE       | Maximum Slenderness ratio (Srf) of hollow maso AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow  | 188                   | 18.0 at 60 min<br>17.0 at 90 min   | utes      |
| characteristic unconfined compressive strength (FUC)                         |                       | 16.0 at 120 mir<br>15.5 at 180 mir   | nutes     |
| Light Reflectance Value  | -                     | 15.5 at 240 mir  |           |





| Product Det  | ails                               | Diagram   |           |
|--|------------------------------------|---|-----------|
| range name   | STANDARD GREY BLOCK                |   |           |
| product code   description   | 15-71   140MM STANDARD HALF HEIGHT | _   |           |
| Properties and Spe   | cifications                        |   |           |
| nominal dimensions (width x height x length mm)                          | 150 x 100 x 400                    |   |           |
| actual dimensions (width x height x length mm)                           | 140 x 90 x 390                     |   |           |
| core volume (% overall thickness)  | 44                                 | _   |           |
| characteristic unconfined compressive strength (MPa)                     | >15                                | _   |           |
| minimum shell thickness (mm)   | 25                                 | Fire Resistance Levels  |           |
| average weight (KG)  | 7.2                                | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 140                                | Integrity   | 60        |
| number per pallet  | 240                                | Insulation  | 60        |
| number per sqm/lm  | 25 or 2.5/lineal meter as caps     |   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE                    | Maximum Slenderness ratio (Srf) of hollow mason AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow  | 193                                | 18.0 at 60 min<br>17.0 at 90 min  | utes      |
| characteristic unconfined compressive strength (FUC)                     |                                    | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                                  | 15.5 at 240 mir   |           |



minimum shell thickness (mm)

average weight (KG)

units per tonne

number per pallet

number per sqm/lm

durability class

(to AS4456.10 - sodium sulphate and sodium chloride)

wall mass inc mortar hollow

characteristic unconfined compressive strength (FUC)

Light Reflectance Value



| range name STANDARD GREY BLOCK   |
|--|
| product code   description 15-801   140MM GREY 4 HOUR FIRE RATED BLOCK |
| Properties and Specifications  |
| nominal dimensions (width x height x length mm) 150x200x400            |
| actual dimensions (width x height x length mm) 140x190x390             |
| core volume (% overall thickness) 18                                   |
| characteristic unconfined compressive strength (MPa) >15               |

50

15.8

63

144

12.5

**GENERAL PURPOSE** 

213

Structural Adequacy (see notes)

Integrity

Insulation

Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is:

Notes

Fire Resistance Levels

60 to 240

60

60

18.0 at 60 minutes 17.0 at 90 minutes

16.0 at 120 minutes

15.5 at 180 minutes

15.5 at 240 minutes





| Product Details   | •                   | Diagram  |           |
|---|---------------------|--|-----------|
| range name  | STANDARD GREY BLOCK |  |           |
| product code   description  | 15-803              |  |           |
| Properties and Specifi  | cations             |  |           |
| nominal dimensions (width x height x length mm)                       | 150 x 200 x 200     |  |           |
| actual dimensions (width x height x length mm)                        | 140 x 190 x 190     |  |           |
| core volume (% overall thickness)                                     |                     |  |           |
| characteristic unconfined compressive strength (MPa)                  |                     |  |           |
| minimum shell thickness (mm)  |                     | Fire Resistance Levels                           |           |
| average weight (KG)   | 0.0                 | Structural Adequacy (see notes)                  | 60 to 240 |
| units per tonne   |                     | Integrity  | 60        |
| number per pallet   |                     | Insulation                                       | 60        |
| number per sqm/lm   |                     | Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) AS3700:2011, Tab |           |
| wall mass inc mortar hollow   |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes         |           |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 mi<br>15.5 at 180 mi                 | nutes     |
| Light Reflectance Value   | -                   | 15.5 at 240 mi                                   | nutes     |





| Product Details   |                     | Diagram   |           |
|---|---------------------|---|-----------|
| range name  | STANDARD GREY BLOCK |   |           |
| product code   description  | 15-83               |   |           |
| Properties and Specifica  | tions               |   |           |
| nominal dimensions (width x height x length mm)                       | 150 x 100 x 400     |   |           |
| actual dimensions (width x height x length mm)                        | 140 x 90 x 390      |   |           |
| core volume (% overall thickness)                                     |                     |   |           |
| characteristic unconfined compressive strength (MPa)                  |                     |   |           |
| minimum shell thickness (mm)  |                     | Fire Resistance Levels                            |           |
| average weight (KG)   | 10.5                | Structural Adequacy (see notes)                   | 60 to 240 |
| units per tonne   | 95.23809524         | Integrity   | 60        |
| number per pallet   |                     | Insulation  | 60        |
| number per sqm/lm   |                     | Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) (AS3700:2011, Tab |           |
| wall mass inc mortar hollow   |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes          |           |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 mir<br>15.5 at 180 mir                | nutes     |
| Light Reflectance Value   | -                   | 15.5 at 240 mir                                   |           |



Light Reflectance Value



| Product Details  |                        | Diagram   |           |
|--|------------------------|---|-----------|
| range name   | STANDARD GREY BLOCK    |   |           |
| product code   description   | 20-01   190MM STANDARD |   |           |
| Properties and Specific  | ations                 |   |           |
| nominal dimensions (width x height x length mm)                          | 200 x 200 x 400        |   |           |
| actual dimensions (width x height x length mm)                           | 190 x 190 x 390        |   |           |
| core volume (% overall thickness)  | 47                     |   |           |
| characteristic unconfined compressive strength (MPa)                     | >15                    |   |           |
| minimum shell thickness (mm)   | 30                     | Fire Resistance 1                                   | Levels    |
| average weight (KG)  | 15.6                   | Structural Adequacy (see notes)                     | 60 to 240 |
| units per tonne  | 64                     | Integrity   | 60        |
| number per pallet  | 90                     | Insulation  | 60        |
| number per sqm/lm  | 12.5                   | Notes Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE        | Maximum Slenderness ratio (Srf) (AS3700:2011, Table |           |
| wall mass inc mortar hollow  | 204                    | 18.0 at 60 min<br>17.0 at 90 min                    | utes      |
| characteristic unconfined compressive strength (FUC)                     |                        | 16.0 at 120 mir<br>15.5 at 180 mir                  | nutes     |
| Light Reflectance Value  | _                      | 15.5 at 240 mir                                     | nutes     |





| Product Detail   | 's                          | Diagram   |           |
|--|-----------------------------|---|-----------|
| range name   | STANDARD GREY BLOCK         |   |           |
| product code   description   | 20-02   190MM THREE QUARTER |   |           |
| Properties and Specif  | ïcations                    |   |           |
| nominal dimensions (width x height x length mm)                          | 200x200x300                 |   |           |
| actual dimensions (width x height x length mm)                           | 190x190x290                 |   |           |
| core volume (% overall thickness)  | 48                          |   |           |
| characteristic unconfined compressive strength (MPa)                     | > 15                        |   |           |
| minimum shell thickness (mm)   |                             | Fire Resistance Levels  |           |
| average weight (KG)  | 9.2                         | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  | 108.6956522                 | Integrity   | 60        |
| number per pallet  |                             | Insulation  | 60        |
| number per sqm/lm  |                             | Notes   |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE             | Maximum Slenderness ratio (Srf) of hollow masonry AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes |           |
| wall mass inc mortar hollow  |                             |   |           |
| characteristic unconfined compressive strength (FUC)                     |                             | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value  | -                           | 15.5 at 240 mir   |           |





| Product Details  |                     | Diagram  |           |
|--|---------------------|--|-----------|
| range name   | STANDARD GREY BLOCK |  |           |
| product code   description   | 20-03   190MM HALF  |  |           |
| Properties and Specific  | ations              |  |           |
| nominal dimensions (width x height x length mm)                          | 200 x 200 x 200     |  |           |
| actual dimensions (width x height x length mm)                           | 190 x 190 x 190     |  |           |
| core volume (% overall thickness)  | >30                 |  |           |
| characteristic unconfined compressive strength (MPa)                     | >15                 |  |           |
| minimum shell thickness (mm)   | 30                  | Fire Resistance Levels   |           |
| average weight (KG)  | 8.7                 | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 115                 | Integrity  | 60        |
| number per pallet  | 180                 | Insulation   | 60        |
| number per sqm/lm  | 25                  | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, fro AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes |           |
| wall mass inc mortar hollow  |                     |  |           |
| characteristic unconfined compressive strength (FUC)                     |                     |  |           |
| Light Reflectance Value  | -                   |  |           |





| Product Details   |                                | Diagram   |           |
|---|--------------------------------|---|-----------|
| range name  | STANDARD GREY BLOCK            | <del></del>   |           |
| product code   description  | 20-12   190MM GREY TROUGH BEAM | <u> </u>  |           |
| Properties and Spec   | ifications                     |   |           |
| nominal dimensions (width x height x length mm)                       | 200x200x400                    |   |           |
| actual dimensions (width x height x length mm)                        | 190x190x390                    |   |           |
| core volume (% overall thickness)                                     | 40                             | _   |           |
| characteristic unconfined compressive strength (MPa)                  | >15                            | _   |           |
| minimum shell thickness (mm)  | 30                             | Fire Resistance Levels  |           |
| average weight (KG)   | 17.8                           | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne   | 56.17977528                    | Integrity   | 60        |
| number per pallet   | 108                            | Insulation  | 60        |
| number per sqm/lm   | 12.5                           | Note:   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE                | Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow   |                                | 18.0 at 60 minutes  |           |
| characteristic unconfined compressive strength (FUC)                  |                                | 16.0 at 120 minutes<br>15.5 at 180 minutes<br>15.5 at 240 minutes                   |           |
| Light Reflectance Value   | -                              |   |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 20-18               |   |           |
| Properties and Specifications  |                     |   |           |
| nominal dimensions (width x height x length mm)  | 200 x 400 x 200     |   |           |
| actual dimensions (width x height x length mm)   | 190 x 390 x 190     |   |           |
| core volume (% overall thickness)  | >30                 |   |           |
| characteristic unconfined compressive strength (MPa)                                   |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |
| average weight (KG)  | 0.0                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne  |                     | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)  GENERAL PURPOSE |                     | Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes |           |
| wall mass inc mortar hollow  |                     |   |           |
| characteristic unconfined compressive strength (FUC)                                   |                     |   |           |
| Light Reflectance Value  | -                   | 15.5 at 100 minutes   |           |





| Product Details  |                     | Diagram  |           |
|--|---------------------|--|-----------|
| range name   | STANDARD GREY BLOCK |  |           |
| product code   description   | 20-38               |  |           |
| Properties and Specifications  |                     |  |           |
| nominal dimensions (width x height x length mm)                                  | 190 x 100 x 245     |  |           |
| actual dimensions (width x height x length mm)                                   | 190 x 100 x 245     | _  |           |
| core volume (% overall thickness)  | >30                 |  |           |
| characteristic unconfined compressive strength (MPa)                             |                     |  |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels   |           |
| average weight (KG)  | 0.0                 | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  |                     | Integrity  | 60        |
| number per pallet  |                     | Insulation   | 60        |
| number per sqm/lm  |                     | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride)         | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, f AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes   |           |
|  |                     | 16.0 at 120 mi<br>15.5 at 180 mi   | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 240 minutes  |           |



Light Reflectance Value



| Product Details  |                       | Diagram  |           |
|--|-----------------------|--|-----------|
| range name   | STANDARD GREY BLOCK   |  |           |
| product code   description   | 20-42   190MM CHANNEL |  |           |
| Properties and Specifications  |                       |  |           |
| nominal dimensions (width x height x length mm)                          | 200 x 200 x 400       |  |           |
| actual dimensions (width x height x length mm)                           | 190 x 190 x 390       |  |           |
| core volume (% overall thickness)  | 48                    |  |           |
| characteristic unconfined compressive strength (MPa)                     | >15                   |  |           |
| minimum shell thickness (mm)   | 30                    | Fire Resistance Levels   |           |
| average weight (KG)  | 15.6                  | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 64                    | Integrity  | 60        |
| number per pallet  | 90                    | Insulation   | 60        |
| number per sqm/lm  | 12.5                  | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE       | Maximum Slenderness ratio (Srf) of hollow masonry, fro AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes |           |
| wall mass inc mortar hollow  | 204                   |  |           |
| characteristic unconfined compressive strength (FUC)                     |                       |  |           |
| Light Reflectance Value  | _                     | 15.5 at 240 mir  | utes      |



Light Reflectance Value



| Product Details  |                            | Diagram  |           |
|--|----------------------------|--|-----------|
| range name   | STANDARD GREY BLOCK        |  |           |
| product code   description   | 20-48   190MM GREY H BLOCK |  |           |
| Properties and Spe   | cifications                |  |           |
| nominal dimensions (width x height x length mm)                          | 200 x 200 x 400            |  |           |
| actual dimensions (width x height x length mm)                           | 190 x 190 x 390            |  |           |
| core volume (% overall thickness)  | 56                         |  |           |
| characteristic unconfined compressive strength (MPa)                     | > 15                       |  |           |
| minimum shell thickness (mm)   | 30                         | Fire Resistance  | Levels    |
| average weight (KG)  | 12.8                       | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 78                         | Integrity  | 60        |
| number per pallet  | 75                         | Insulation   | 60        |
| number per sqm/lm  | 12.5                       | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE            | Maximum Slenderness ratio (Srf) of hollow masonry, fro AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes |           |
| wall mass inc mortar hollow  | 169                        |  |           |
| characteristic unconfined compressive strength (FUC)                     |                            |  |           |
| Light Reflectance Value  |                            |  |           |





| Product Details   |                     | Diagram   |           |
|---|---------------------|---|-----------|
| range name  | STANDARD GREY BLOCK |   |           |
| product code   description  | 20-61               |   |           |
| Properties and Specifications   |                     |   |           |
| nominal dimensions (width x height x length mm)                       | 190 x 190 x 390     |   |           |
| actual dimensions (width x height x length mm)                        | 190 x 190 x 390     |   |           |
| core volume (% overall thickness)                                     |                     |   |           |
| characteristic unconfined compressive strength (MPa)                  |                     |   |           |
| minimum shell thickness (mm)  |                     | Fire Resistance Levels  |           |
| average weight (KG)   | 0.0                 | Structural Adequacy (see notes)   | 60 to 240 |
| units per tonne   |                     | Integrity 60  |           |
| number per pallet   |                     | Insulation  | 60        |
| number per sqm/lm   |                     | Notes Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow   |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes                                      |           |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 mir<br>15.5 at 180 mir  | nutes     |
| Light Reflectance Value   | -                   | 15.5 at 180 minutes   |           |



Light Reflectance Value



| Product Details   |                                    | Diagram  |           |
|---|------------------------------------|--|-----------|
| range name  | STANDARD GREY BLOCK                |  |           |
| product code   description  | 20-71   190MM STANDARD HALF HEIGHT | _  |           |
| Properties and Sp.  | ecifications                       |  |           |
| nominal dimensions (width x height x length mm)                       | 200 x 100 x 400                    |  |           |
| actual dimensions (width x height x length mm)                        | 190 x 90 x 390                     |  |           |
| core volume (% overall thickness)                                     | 47                                 |  |           |
| characteristic unconfined compressive strength (MPa)                  | >15                                |  |           |
| minimum shell thickness (mm)  | 30                                 | Fire Resistance Levels   |           |
| average weight (KG)   | 8.0                                | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne   | 125                                | Integrity  | 60        |
| number per pallet   | 180                                | Insulation   | 60        |
| number per sqm/lm   | 25 or 2.5/lineal meter as caps     | — Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE                    | Maximum Slenderness ratio (Srf) of hollow masonry, fro AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes |           |
| wall mass inc mortar hollow   | 218                                |  |           |
| characteristic unconfined compressive strength (FUC)                  |                                    |  |           |
| Light Reflectance Value   |                                    |  |           |





| Product Details  |                              | Diagram  |           |
|--|------------------------------|--|-----------|
| range name   | STANDARD GREY BLOCK          |  |           |
| product code   description   | 50-31                        |  |           |
| Properties and Specifications  |                              |  |           |
| nominal dimensions (width x height x length mm)                                  | 190 x 40 x 390               |  |           |
| actual dimensions (width x height x length mm)                                   | 190 x 40 x 390               |  |           |
| core volume (% overall thickness)  |                              |  |           |
| characteristic unconfined compressive strength (MPa)                             |                              |  |           |
| minimum shell thickness (mm)   | minimum shell thickness (mm) |  | Levels    |
| average weight (KG)  | 7.4                          | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 135.1351351                  | Integrity  | 60        |
| number per pallet  |                              | Insulation   | 60        |
| number per sqm/lm  |                              | Notes  |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)            | GENERAL PURPOSE              | Maximum Slenderness ratio (Srf) of hollow masonry, AS3700:2011, Table 6.1, is: |           |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                              | 18.0 at 60 minutes 17.0 at 90 minutes  |           |
|  |                              | 16.0 at 120 mir<br>15.5 at 180 mir   | nutes     |
| Light Reflectance Value  | -                            | 15.5 at 240 minutes  |           |





| Product Details  |                        | Diagram  |           |
|--|------------------------|--|-----------|
| range name   | STANDARD GREY BLOCK    |  |           |
| product code   description   | 30-01   290MM STANDARD |  |           |
| Properties and Specifications  |                        |  |           |
| nominal dimensions (width x height x length mm)                          | 300 x 200 x 400        |  |           |
| actual dimensions (width x height x length mm)                           | 290 x 190 x 390        |  |           |
| core volume (% overall thickness)  | 52                     |  |           |
| characteristic unconfined compressive strength (MPa)                     | >15                    |  |           |
| minimum shell thickness (mm)   | 40                     | Fire Resistance Levels   |           |
| average weight (KG)  | 20.0                   | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 50                     | Integrity  | 60        |
| number per pallet  | 60                     | Insulation   | 60        |
| number per sqm/lm  | 12.5                   | N.4  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE        | Maximum Slenderness ratio (Srf) of hollow masonry, fro AS3700:2011, Table 6.1, is: 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes |           |
| wall mass inc mortar hollow  | 262                    |  |           |
| characteristic unconfined compressive strength (FUC)                     |                        |  |           |
| Light Reflectance Value  | -                      |  |           |





| Product Details  |                     | Diagram   |           |
|--|---------------------|---|-----------|
| range name   | STANDARD GREY BLOCK |   |           |
| product code   description   | 30-02   290MM 3/4   |   |           |
| Properties and Specifications  |                     |   |           |
| nominal dimensions (width x height x length mm)  | 300x200x300         |   |           |
| actual dimensions (width x height x length mm)   | 290x190x290         |   |           |
| core volume (% overall thickness)  | >30                 |   |           |
| characteristic unconfined compressive strength (MPa)   |                     |   |           |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels                            |           |
| average weight (KG)  | 0.0                 | Structural Adequacy (see notes)                   | 60 to 240 |
| units per tonne  |                     | Integrity   | 60        |
| number per pallet  |                     | Insulation  | 60        |
| number per sqm/lm  |                     | Notes   |           |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)  wall mass inc mortar hollow  characteristic unconfined compressive strength (FUC) |                     | Maximum Slenderness ratio (Srf) (AS3700:2011, Tab |           |
|  |                     | 18.0 at 60 minutes                                |           |
|  |                     | 16.0 at 120 mir<br>15.5 at 180 mir                | nutes     |
| Light Reflectance Value  | -                   | 15.5 at 140 minutes                               |           |





| Product Details  |                       | Diagram  |           |
|--|-----------------------|--|-----------|
| range name   | STANDARD GREY BLOCK   |  |           |
| product code   description   | 30-48   290MM H BLOCK |  |           |
| Properties and Specifications  |                       |  |           |
| nominal dimensions (width x height x length mm)                          | 300 x 200 x 400       |  |           |
| actual dimensions (width x height x length mm)                           | 290 x 190 x 390       |  |           |
| core volume (% overall thickness)  | 54                    |  |           |
| characteristic unconfined compressive strength (MPa)                     | >15                   |  |           |
| minimum shell thickness (mm)   | 35                    | Fire Resistance Levels   |           |
| average weight (KG)  | 22.2                  | Structural Adequacy (see notes)  | 60 to 240 |
| units per tonne  | 45                    | Integrity  | 60        |
| number per pallet  | 60                    | Insulation   | 60        |
| number per sqm/lm  | 12.5                  | Notes  |           |
| durability class<br>(to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE       | Maximum Slenderness ratio (Srf) of hollow masonry, free AS3700:2011, Table 6.1, is:  18.0 at 60 minutes  17.0 at 90 minutes  16.0 at 120 minutes  15.5 at 180 minutes  15.5 at 240 minutes |           |
| wall mass inc mortar hollow  | 288                   |  |           |
| characteristic unconfined compressive strength (FUC)                     |                       |  |           |
| Light Reflectance Value  | -                     |  |           |



average weight (KG)

units per tonne

number per pallet

number per sqm/lm

durability class

(to AS4456.10 - sodium sulphate and sodium chloride)

wall mass inc mortar hollow

characteristic unconfined compressive strength (FUC)

Light Reflectance Value



| Product Details                                      |                             | Diagram                |  |
|--|-----------------------------|------------------------|--|
| range name   | STANDARD GREY BLOCK         |                        |  |
| product code   description                           | 30-92   290MM GREY STANDARD |                        |  |
| Properties and Specifications                        |                             |                        |  |
| nominal dimensions (width x height x length mm)      | 300 x 200 x 400             |                        |  |
| actual dimensions (width x height x length mm)       | 290 x 190 x 390             |                        |  |
| core volume (% overall thickness)                    | 55                          |                        |  |
| characteristic unconfined compressive strength (MPa) | >15                         |                        |  |
| minimum shell thickness (mm)                         | 40                          | Fire Resistance Levels |  |

19.5

51

50

12.5

**GENERAL PURPOSE** 

255

## Notes

Structural Adequacy (see notes)

Integrity

Insulation

60 to 240

60

60

Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: 18.0 at 60 minutes

17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes 15.5 at 240 minutes





| Product Details   |                     | Diagram   | Diagram                                    |  |
|---|---------------------|---|--|--|
| range name  | STANDARD GREY BLOCK |   |  |  |
| product code   description  | DBL-BRICK           |   |  |  |
| Properties and Specifications   |                     |   |  |  |
| nominal dimensions (width x height x length mm)                       | 110 x 162 x 230     |   |  |  |
| actual dimensions (width x height x length mm)                        | 110 x 162 x 230     |   |  |  |
| core volume (% overall thickness)                                     |                     |   |  |  |
| characteristic unconfined compressive strength (MPa)                  |                     |   |  |  |
| minimum shell thickness (mm)  |                     | Fire Resistance Levels  |  |  |
| average weight (KG)   | 0.0                 | Structural Adequacy (see notes)   | 60 to 240                                  |  |
| units per tonne   |                     | Integrity   | 60   |  |
| number per pallet   |                     | Insulation  | 60   |  |
| number per sqm/lm   |                     | Notes   |  |  |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride) | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: |  |  |
| wall mass inc mortar hollow   |                     | 18.0 at 60 minutes<br>17.0 at 90 minutes  |  |  |
| characteristic unconfined compressive strength (FUC)                  |                     | 16.0 at 120 mi  | 16.0 at 120 minutes<br>15.5 at 180 minutes |  |
| Light Reflectance Value   | -                   | 15.5 at 240 minutes   |  |  |





| Product Details  |                     | Diagram   | Diagram   |                         |
|--|---------------------|---|-----------|-------------------------|
| range name   | STANDARD GREY BLOCK |   |           |                         |
| product code   description   | FED-DW              |   |           |                         |
| Properties and Specifications  |                     |   |           |                         |
| nominal dimensions (width x height x length mm)                                  | 140 x 43 x 230      |   |           |                         |
| actual dimensions (width x height x length mm)                                   | 140 x 43 x 230      |   |           |                         |
| core volume (% overall thickness)  |                     |   |           |                         |
| characteristic unconfined compressive strength (MPa)                             |                     |   |           |                         |
| minimum shell thickness (mm)   |                     | Fire Resistance Levels  |           |                         |
| average weight (KG)  | 0.0                 | Structural Adequacy (see notes)   | 60 to 240 |                         |
| units per tonne  |                     | Integrity   | 60        |                         |
| number per pallet  |                     | Insulation  | 60        |                         |
| number per sqm/lm  |                     | Notes   |           |                         |
| durability class (to AS4456.10 - sodium sulphate and sodium chloride)            | GENERAL PURPOSE     | Maximum Slenderness ratio (Srf) of hollow masonry, from AS3700:2011, Table 6.1, is: |           |                         |
| wall mass inc mortar hollow characteristic unconfined compressive strength (FUC) |                     | 18.0 at 60 minutes 17.0 at 90 minutes 16.0 at 120 minutes 15.5 at 180 minutes       |           |                         |
|  |                     |   |           | Light Reflectance Value |