



## QUANTITIES CEMENT, LIME & SAND REQUIRED PER 1000 BRICKS







## **QUANTITIES OF CEMENT, LIME & SAND PER 1000 BRICKS**

| SINGLE LEAF WALL          | MATERIALS                                 | CLASS II MORTAR      |   | CLASS III MORTAR     |   |
|---------------------------|---|----------------------|---|----------------------|---|
|                           |   | 1:6<br>Clay & Calsi  | 1:1:6<br>Clay only                                | 1:9<br>Clay&Calsi    | 1:2:9<br>Clay only                                |
| Half Brick<br>FBS/FBA     | Pockets Cement Pockets Lime m³ Sand       | 2.75<br>Nil<br>0.541 | <ul><li>2.34</li><li>2.34</li><li>0.468</li></ul> | 1.9<br>Nil<br>0.569  | 1.57<br>3.15<br>0.472                             |
| Half Brick<br>NFP Frogged | Pockets Cement Pockets Lime m³ Sand       | 4.16<br>Nil<br>0.819 | 3.55<br>3.55<br>0.709                             | 2.87<br>Nil<br>0.862 | <ul><li>2.38</li><li>4.77</li><li>0.715</li></ul> |
| One Brick<br>NFP Frogged  | Pockets Cement Pockets Lime m³ Sand       | 4.91<br>Nil<br>0.967 | 4.19<br>4.19<br>0.838                             | 3.39<br>Nil<br>1.02  | <ul><li>2.82</li><li>5.63</li><li>0.845</li></ul> |
| Half Brick<br>Maxi        | Pockets Cement<br>Pockets Lime<br>m³ Sand | 4.54<br>Nil<br>0.895 | 3.87<br>3.87<br>0.775                             | 3.14<br>Nil<br>0.942 | <ul><li>2.02</li><li>4.04</li><li>0.781</li></ul> |
| One Brick<br>Maxi         | Pockets Cement Pockets Lime m³ Sand       | 5.52<br>Nil<br>1.088 | 4.71<br>4.71<br>0.941                             | 3.81<br>Nil<br>1.144 | 3.16<br>6.33<br>0.949                             |

Round off cement and lime quantities to the nearest full pocket, and sand quantities to the nearest 0.5m<sup>3</sup>.

To produce 1000 Litres (1m³) of mortar requires the following:

| CLASS II  | 1:6<br>1: 1: 6  | 6. 8 pockets cement : 1.34m³ sand<br>5. 8 pockets cement : 5. 8 pockets lime : 1.16m³ sand |
|-----------|-----------------|--|
| CLASS III | 1: 9<br>1: 2: 9 | 4. 7 pockets cement : 1. 41 m³ sand 3.9 pockets cement : 7.8 pockets lime: 1.17m³ sand     |

N.B. For mortar mix requirements for Calcium Silicate Bricks, please contact your nearest building centre.

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