

QUICKSTONE

RETAINING SOLUTIONS

QUICKSTONE GENERAL INFORMATION SHEET

Maxi-block weights:

- Full bottom block – Approx. 700kg
- Half bottom block – Approx. 350kg
- Full top block – Approx. 500kg
- Half top block – Approx. 250kg

12 x full bottom blocks can fit on crane truck, 15 x on trailer

Mini-block weights:

- Full bottom block – Approx. 76kg
- Half bottom block – Approx. 38kg
- Full top block – Approx. 60kg
- Half top block – Approx. 30kg

16 x per pallet, 8 x pallets can fit on on crane truck

Sleeper weight:

- Standard sleeper - Approx. 70kg
- Landscaping beams are 100mm wide external (93mm wide internal) to allow for sleeper to slide into

Engineering:

- Mini-blocks are engineered to 1.2mtrs high
- Maxi-blocks are engineered to 1.8mtrs high
- Sleepers are currently not engineered. Landscaping beams must be buried the same depth below ground as the height they are going above ground

****Any retaining walls over 1mtr high require an engineer's certificate for Council.**

Lifting device:

- Each block has 2 x 1.3T lifters
- Require 1.3T lifting clutches to hook onto lifters

Installation:

- Excavate area 300mm wider than the chosen block to allow for drainage behind the wall (back to solid ground)
- Ensure the base is level
- Place approx. 250mm metal dust & compact
- Place bottom layer of blocks on top ensuring each on is level and tight as possible
- Use brick bond sequence (overlap by half)
- Place plastic liner behind wall and lay under position of drainage pipe
- Install drainage pipe at base of wall on top of plastic liner
- Backfill with free draining material, 20mm blue metal up to 200mm from top of wall
- Place Geofabric over top of drainage and backfill with clay based material
- Dress with topsoil and turf if required