

## Transport, Storage and Construction Information – Quikbloc

Moore Concrete Quikbloc are designed by Chartered Structural Engineers in accordance with EN1992:1-1 and BS EN 15258:2008. Care must be taken during transport, offloading and installation to guarantee the integrity of the units.

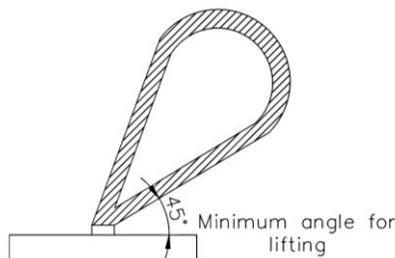
The full design strength of the units will only be achieved after **28 days**, the date of manufacture will be labelled on the unit. If this label is missing please contact Moore Concrete for advice. Unit weights are provided on the technical drawing supplied with the order acknowledgement.

The install should be completed by competent persons in line with a specific risk assessment and “Lifting Operations Lifting Equipment Regulations (NI) 1999”. If a crane is required the installation to be completed in line with the Lift Plan conducted in accordance with “*Safe Use of Cranes BS 7121-1:2016*”.

### Transport, Handling and Offloading

During transport, handling and temporary storage you must ensure that:

1. When loaded on to a vehicle the units must be spaced at an adequate distance apart to ensure no damage occurs to the units.
2. The load must be secured with appropriate ratchet straps and checked for stability before departure.
3. Before commencing offloading the units, plan the lift and ensure the surrounding area is free from obstacles and that there are no overhead obstacles such as power lines.
4. Offloading and storage must be done safely and carefully on to firm and level ground.
5. The units should be lifted and handled by either using a forklift/telehandler to lift directly from underneath or by slinging with appropriate lifting tackle and equipment.
6. All lifting equipment should be checked before use to ensure that it is in good condition and capable of lifting the load.
7. Ensure the lifting equipment is attached securely.
8. Provision for lifting is made with 1 Nr. 7.5 ton utility anchor which is cast into the top of the unit. Thus providing a quick connection point for installation by chain and hook. Safe working instructions should be adhered to at all times.
9. If using a forklift/telehandler an approved fork mounted hook attachment should be used. This mounted hook should be secured to the forks to prevent movement. If fork toes are not available a hiab, crane or digger can be used.
10. Lifting Loops will correspond to the load being lifted. Lifting loops can be subjected to a diagonal lift up to 45° (Shown in the diagram below). If a minimum chain angle of 45° cannot be achieved a spreader beam is to be used.



## Installation

During installation of the units the customer must:

1. Adhere to points 5-9 above
2. The unit must be placed on a firm level base.
3. This process is repeated until the bottom row is complete
4. For subsequent rows the units must be installed with over lapping joints
5. During stacking the top of the lower unit should be checked to ensure there is no debris present and the bottom of the upper unit should be checked for debris that would prevent the units locking fully together

See images on Page 2



Care should be taken to ensure that loading capacities are never exceeded, either during construction or end use. Moore Concrete can advise what units are most suitable for your application.

The manufacturer assumes no liability for damage incurred by improper handling.

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