

## Transport, Storage and Installation Information Slurry Channels

Moore Concrete Slurry Channels are designed by Chartered Structural Engineers in accordance with EN 13225, EN1992:1-1 and BS5502 Part 22 2003. Care must be taken during transport, offloading and installation to guarantee the integrity of the units.

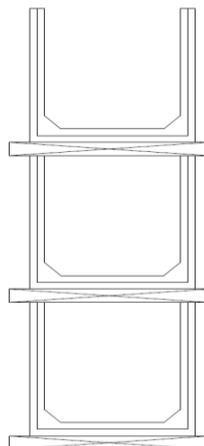
The full design strength of the Slurry Channels will only be achieved after **28 days**. The date of manufacture will be specified on the product label fixed to the unit, this label also shows the unit weight. If this label is missing, please contact Moore Concrete for advice.

### Transport

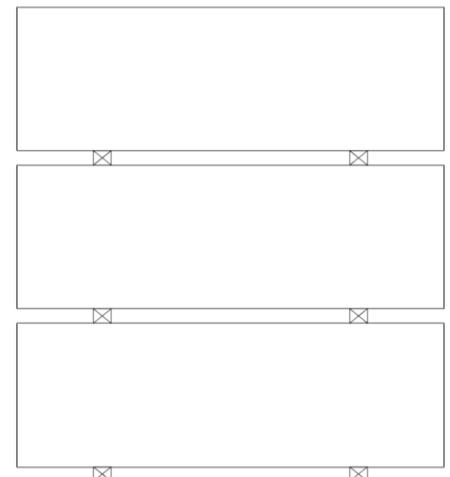
- Channels should be lifted by forklifts trucks from the longer side to allow for the most stable lift (as shown below).
- Each unit will be placed on timber laths and units will be spaced at an adequate distance apart to ensure no damage occurs to the units during transit.
- The skids must be aligned vertically at 1/5<sup>th</sup> points to avoid unnecessary stressing or damage.
- The units should be stacked no more than 3 Nr. high and parallel with the lorry to ease offload (as shown).
- The driver collecting the units from Moore Concrete will be responsible for securing and the stability of the units before departing the yard.



Lift channels using  
forklift toes



(Section view – stacking of Slurry  
Channels)



(Side view – stacking of Slurry  
Channels)

## Offloading & Storage

Handling of the slurry channels should be completed by competent persons in line with a specific risk assessment and "Lifting Operations Lifting Equipment Regulations - 1998 or 1999 (NI)". If a crane is required, the installation should be completed in line with a Lift Plan in accordance with BS 7121-1:2016 'Safe Use of Cranes'.

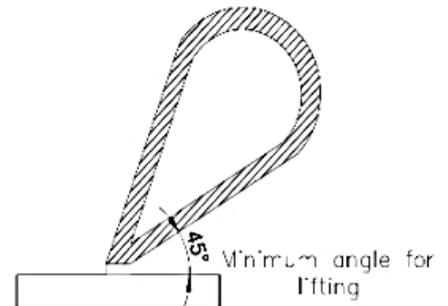
- All equipment should be checked before use, to ensure that it is in a good condition and capable of lifting the units.
- Offloading and storage must be carried out safely and carefully on to firm and level ground, leaving appropriate distance between unit for turning.
- The units should be laid safely on the ground on a timber skid or lathes prevent damage to the unit

## Moving into Position

- Appropriate lifting tackle & equipment should be used and must be capable of the lifting load. Lifting Loops can be supplied by on request along with certification.
- Make sure the lifting chain is an appropriate length for the channel (see table). As Lifting Loops must not be used with an angled lift less than 45°



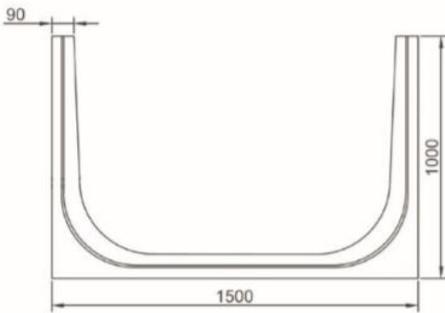
Lifting Loop



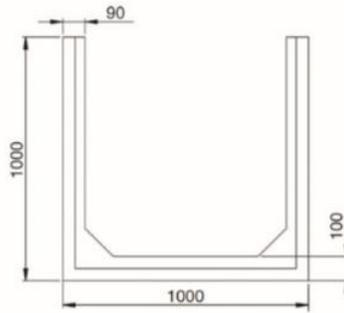
- It is advisable to use an approved mounted hook which should be secured to the forks to prevent movement.
- The 2 Nr. M16 sockets cast into the top of the wall of the product are used in conjunction with 2 Nr. M16 lifting loops
- Position Units on a firm level base, the foundation requirements should be as specified by a qualified engineer accounting for the specific ground conditions at the site.
- Checking the sockets and spigots on the slurry channel are clean as installation progresses. Small tolerances are allowed in the units so carefully check alignment both vertically and horizontally.
- Moore Concrete will advise during the order acknowledgement the structural capabilities of the slurry channel; therefore, the client should choose carefully the lid size to suit the slurry channel.

## Standard Units

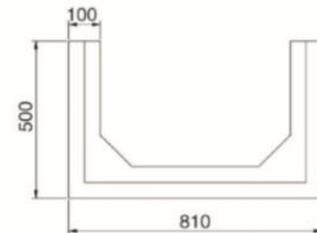
Width	Height	Length	Weight /kg	Min. Chain Leg Length /mm
800/820	500	2400	1100	1000
1000	1000	2350	1700	1000
1500	1000	2400	2240	1500



Channel 1500 wide x 1000 high  
x 2400 long



Channel 1000 wide x 1000 high  
x 2350 long



Channel 800 wide x 500 high  
x 2400 long

CE Manufactured to EN 13225

Information regarding the diagonal slats & solid passage covers can be found on the Suspending Flooring Transport, Storage and Installation Information.

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