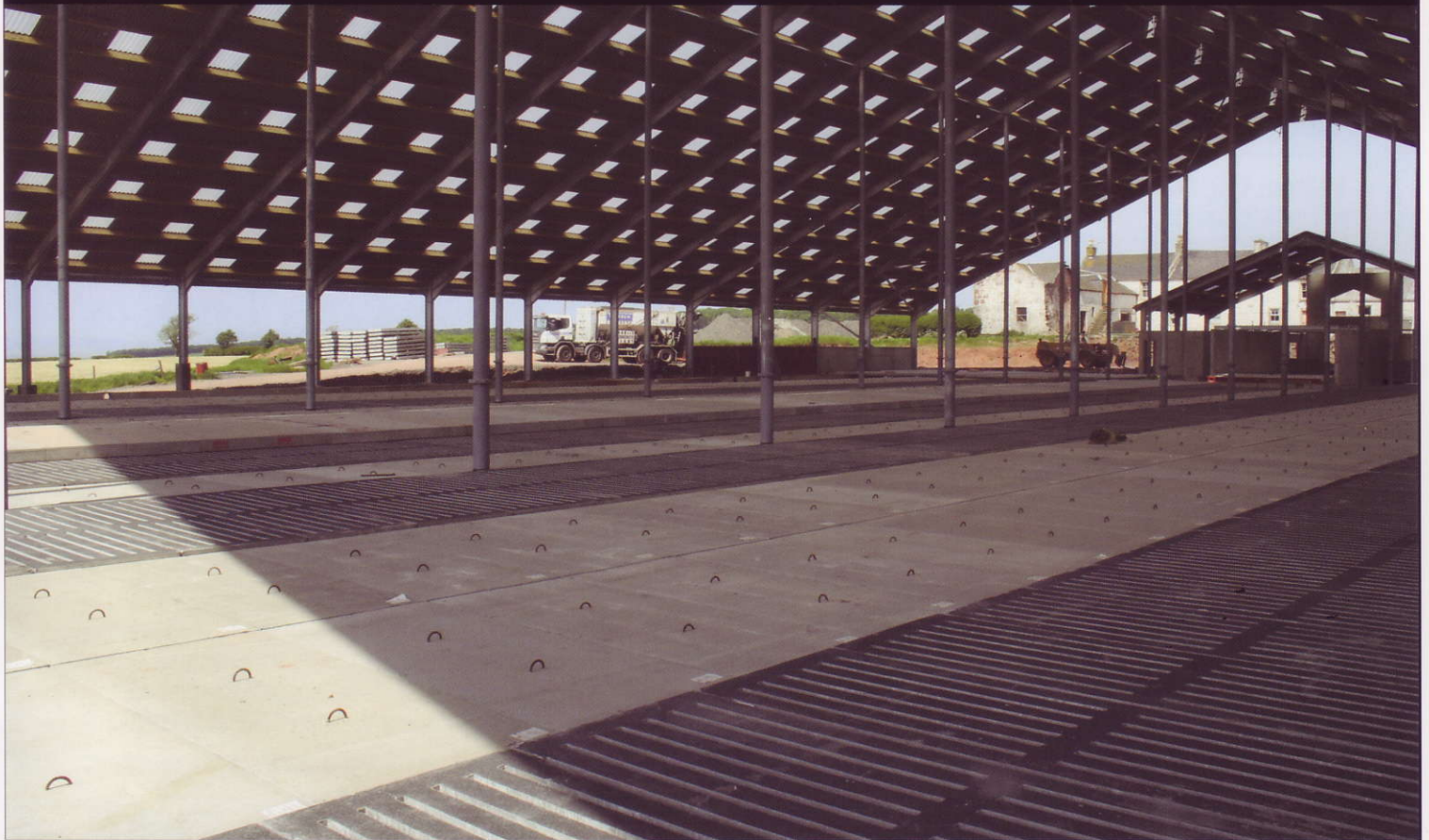




LIVESTOCK SUSPENDED FLOORING SYSTEMS



Precast livestock suspended flooring systems
Including slats, cubicles, gangs, support beams and passage covers

www.moore-concrete.com



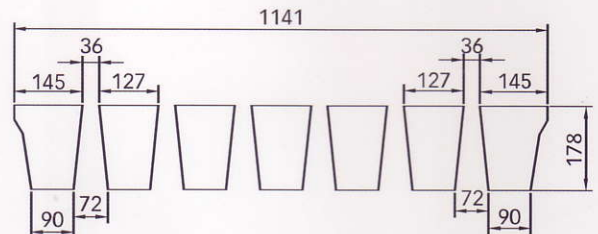
LIVESTOCK SUSPENDED FLOORING SYSTEM

CATTLE SLATS

Suitable for dairy and beef cattle, the Moore Concrete range of cattle slats are manufactured to the highest possible standards.

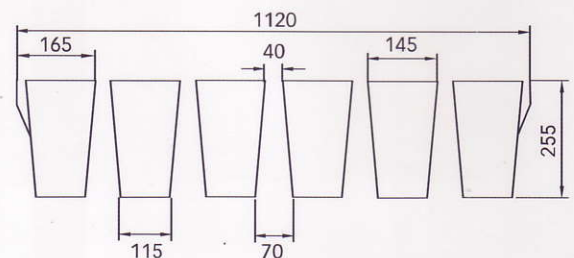
180mm (7") Gang Slat

- Slats are designed to provide optimum space to surface ratio.
- A steep release angle allows slurry to drop immediately to the tank, keeping cattle clean.
- A fully tested comparable range of non-slip slats is also available.
- Individual specification will be considered.



250mm (10") Gang Slat

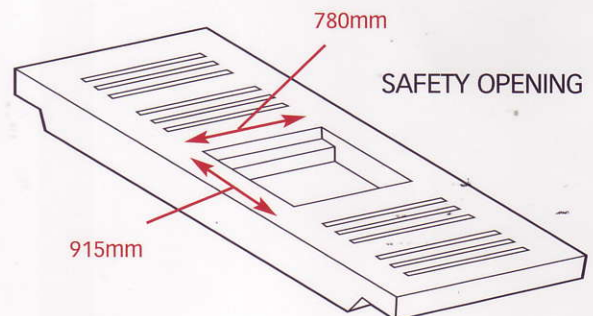
- The six bar profile allows the strength required for modern day farm machinery.
- Slat sides are of the smoothest finish for cleanliness.



SAFETY SLATS / AGITATION POINTS

Used in conjunction with any of the above slat range, the safety gang provides trouble free access to the slurry tank, and is suitable for all types of slurry mixing and pumping systems.

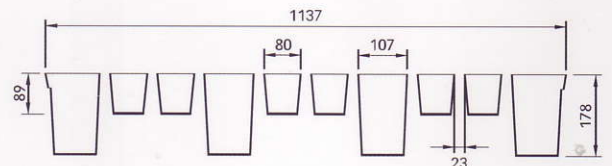
- Each slat features a slatted concrete and a lockable galvanised safety grid below.
- Solid manhole slabs are available in 1500mm or 1800mm widths.



MULTI-PURPOSE SLATS

Suitable for sheep, cows, calves and pigs, Moore Concrete manufacture a range of multi-purpose slats up to 3960mm long.

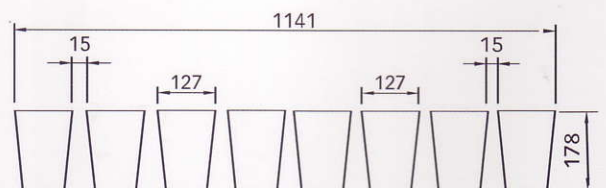
- The varying slat depth allows for free flow of slurry into collection tank.
- Fully tested non-slip option available.



STRAW BEDDING SLATS

Suitable for use in calving pens and areas where young or smaller stock are housed.

- Comprised of an eight bar gang with 15mm spacing preventing loss of straw through spacing in slats.
- Designed to support the weight of modern farm equipment.



STEMS



| CATTLE SLATS | Max Length | Depth | Axle Loading |
|---------------------|----------------|-------------|--------------|
| 7" Standard | 3960mm (13') | 180mm (7") | 4.5ton |
| 7" Heavy Duty | 3960mm (13') | 180mm (7") | 6.0ton |
| 10" Standard | 5000mm (16'5") | 255mm (10") | 6.0ton |
| 10" Heavy Duty | 5000mm (16'5") | 255mm (10") | 10.0ton |
| SAFETY SLATS | Max Length | Depth | Axle Loading |
| 7" Safety | 3960mm (13') | 180mm (7") | 4.0ton |
| 10" Safety | 5000mm (16'5") | 255mm (10") | 3.5ton |
| DUAL PURPOSE SLATS | 3960mm (13') | 180mm (7") | 2.5ton |
| STRAW BEDDING SLATS | 3960mm (13') | 180mm (7") | 8.0ton |
| PASSAGE COVER | 6096mm (20') | 150mm (6") | * |
| SUPPORT BEAMS | 4745mm | 3mm (12") | ** |

* Applying a structural screed and a layer of A393 mesh increases axle loading up to 10 ton – for details speak to a member of our sales team.

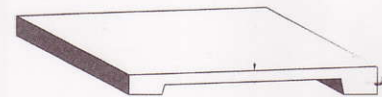
** Refer to sales team.

CUBICLE BASES

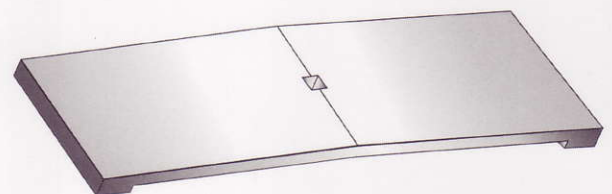
Precast single and double cubicle bases offer many advantages over traditional in situ construction.

- **Speed of installation** as base arrives on site ready for the cubicle and mattress. There is also no need to prepare level stones or a sloping concrete bed.
- **Space Optimisation** Extra slurry storage available under the cubicle beds. All units can be suspended over the tank, with no need for floor slabs.
- **Finish** Brushed finish to allow grip.
- **Hygiene** Units can be positioned on the slats to allow the free flow of slurry away from the heel-stone. The units are also compatible with scraper systems.
- Differing heights and finishes of base are available.

Single Sloping Cubicle Base



Double Sloping Cubicle Base



| CUBICLE BASES | Min (L) | Max (L) | Min Head Height (H) | Min Heel Height (H) |
|-----------------|---------|---------|---------------------|---------------------|
| Single Wet Cast | 2135mm | 2745mm | 280mm | 190mm |
| Single Dry Cast | 2135mm | 2745mm | 225mm | 150mm |
| Double | 3960mm | 4875mm | 255mm | 180mm |

* All cubicle bases are manufactured at 1141mm wide.

PASSAGE COVERS

The use of a prestressed suspended passage cover allows for rapid installation on site while maximising slurry storage capacity.

- Each unit features a tongue and groove interlocking system to facilitate rapid positioning on site.
- Available in widths of either 1200mm or 600mm.
- Can be manufactured to include manhole on request.

SUPPORT BEAMS

High quality prestressed support beams up to an axle loading of 10 ton available.



MOORECONCRETE

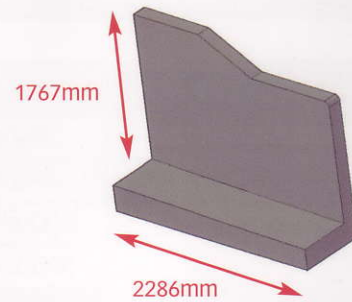
LIVESTOCK SUSPENDED FLOORING SYSTEMS



END CUBICLE WALL

Easily fitted into position in minutes saving on the time and effort required for building and plastering a block wall.

- Compliments our entire range of cubicle bases.
- Extremely robust product.
- Chamfered corners eliminating risks to animal welfare.



IN HOUSE DRINKER

The curved narrow drinker eliminates problems associated with a shortage of drinking points while optimising space in-house.

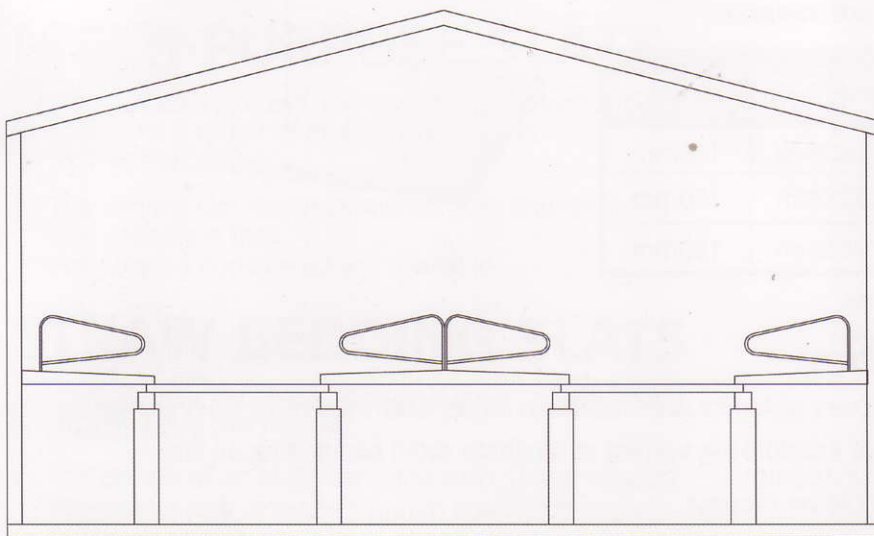
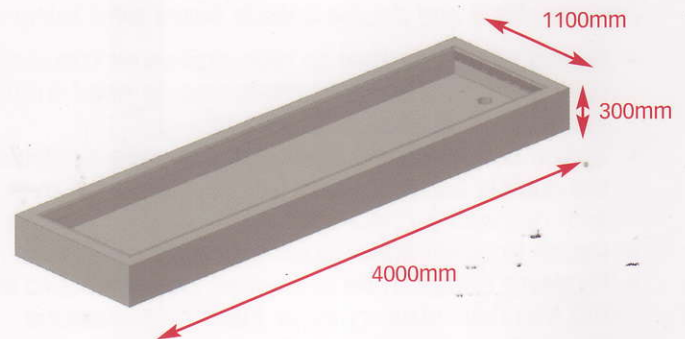
- Rounded corners ensure animal safety and maximise number of animals that can drink at one time.
- Drinker provided with a 100mm (4") bung and drinker feet as standard facilitating ease of emptying.



FOOTBATH

Designed for use on a solid floor or suspended above tank, the footbath features a quick emptying mechanism.

- Includes a slightly roughened floor as standard, to provide secure footing for livestock.
- Loss of expensive solution prevented through curved inner wall design.
- Variable dimensions available.
- Footbath supplied with a 100mm (4") bung to facilitate emptying.



Left: A cross section of some of the components used in the Livestock Suspended Flooring System.

Moore Concrete Products Ltd, Caherty House, 41 Woodside Road, Ballymena, County Antrim, Northern Ireland BT42 4QH

Tel: 028 2565 2566 Fax: 028 2565 8480 Email: info@moore-concrete.com

