



MCMAHONS
CONCRETE PRODUCTS



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CONTENTS

PAGE

Butt Wall	3
Cattle Footbath	3
Cubicle Base	4
Cubicle Base End Wall	4
J Shape Feed Barrier Trough	5
Heavy Duty L Shape Feed Barrier Trough	6
Low L Shape Feed Barrier Trough	6
U Shape Feed Barrier Trough	7
Low J Shape Feed Barrier Trough for Weanlings and Calves	7
Mini Slurry Channels	8
Regular Slurry Channels	8
T Joint for Heavy Duty Slurry Channels	9
End Pieces for Slurry Channels	9
Lego Security Block	9
Rainwater Harvesting Tank 1700 Gallon	10
Rainwater Harvesting Tank 850 Gallon	10
Rainwater Harvesting Tank Slotted Lid	11
Rainwater Harvesting Tank – Solid Lid	11
Sheep dip tank	11
100 150 300 500 Gallon Outdoor Water Trough	12
Drainage Bung Assembly	13
Sheep Drinking 60 Gallon Trough	13
Indoor 100 Gallon Trough	13
Water Trough Valves	14
Prestressed Wall Panels	14
10 Foot A shape Bunker Dividing Wall	15
L Shape Bunker Dividing Walls	15

Butt Wall

- We normally manufacture them 18 or 20 inches high and either 4.8 or 6 meters long. Their thickness is 140mm (5 & 1/2 inches).
- They have round edges to protect the cattle and they come with built in lifting eye sockets.
- The lifting sockets make them easier to lift into place and to move them around.
- There is an excellent smooth finish.
- Included is a picture of our walls installed in a farm in Tipperary.



Cattle Footbath

- Experts recommend regular foot/hoof bathing. Ideally on a daily basis when moving dairy cattle around a milking parlour. Foot bathing can help control contagious hoof diseases such as digital dermatitis.
- Our baths overall dimensions are 9 feet 9 inches in length, 3 feet 6 inches wide and 1 foot high.
- The bath depth is 8 inches.
- The walls are 4 inches thick and the floor is also 4 inches thick. They weigh 1300 kgs.
- The drainage hole is 4 inches in diameter.
- Our footbath is long to enable all of the cows hooves to be bathed.
- It is robust and has rounded edges to protect the cattle.
- It will not move when the cows walk through them.
- The footbath can be supplied with a grooved floor where the customer doesn't wish to use mats.
- There is less noise from a concrete bath than one made of plastic or metal when the cows travel through
- Our bung enables rapid emptying and cleaning.
- The top edges of the bath are rounded to protect the cattle.
- Lifting Sockets are fitted to enable ease of handling.



Cubicle Base

- Our standard dimensions are as follows:- Length of 7' 6" or 7 foot- Width 3' 9". Height of 10" at the front edge tapering to 8" at the rear edge.
- They can be placed both head to head as well as side to side.
- They can be used with nearly all manufacturers cubicles.
- We recommend the Cantilever type of cubicle to prevent the cattle getting trapped in the ironwork when they get up from the bed.
- In the Cantilever Method: Vertical posts are inserted into the head of the cubicle base. Horizontal metal bars are attached to and run along the line of these metal posts. The Cubicle dividers are in turn attached to these horizontal metal bars. Please refer to the pictures shown above.
- Our beds are Versatile – there are Wide Recesses on all sides which make them easy to move from any side.
- You may note that the metal cubicles themselves are an example of the cantilever method. Vertical posts are inserted into the head of the cubicle base. Horizontal metal bars are attached to and run along the line of these metal posts. The Cubicle dividers are in turn attached to these horizontal metal bars.



Cubicle Base End Wall

- Our standard dimensions are as follows:- Length of 7' 6" or 7 foot- Width 3' 9". Height of 10" at the front edge tapering to 8" at the rear edge. Lengths of 8' 6" and 6' 6" can be made to order.
- They can be placed both head to head as well as side to side. They can be used with nearly all manufacturers cubicles.
- We recommend the Cantilever type of cubicle to prevent the cattle getting trapped in the ironwork when they get up from the bed.
- Our beds are Versatile – there are Wide Recesses on all sides which make them easy to move from any side.
- Included are pictures of our cubicle bases installed on a farm in Tipperary together with the cubicles and a line of cubicles being installed in a farm in Killarney.
- You may note that the metal cubicles themselves are an example of the cantilever method. Vertical posts are inserted into the head of the cubicle base. Horizontal metal bars are attached to and run along the line of these metal posts. The Cubicle dividers are in turn attached to these horizontal metal bars.





J Shape Feed Barrier Trough

Our heavy duty J barrier's dimensions are as follows:-

- Height of high wall – 37 inches, Height of low front wall 25 inches, Maximum Width 34 inches, width at the inside base 21 inches, 94 inches in length.
- Our barriers have thick walls and are reinforced with fibre mesh and steel which enables them to withstand aggressive use. (including the belt of a tractor wheel)
- They weigh 1.5 Tons each
- They have a wide recess which makes them easy to move.
- End pieces are available that are easy to fit without the need for any bolts or fixings.





Low L Shape Feed Barrier Trough

- Our Low L shaped barrier has thick walls and is reinforced with steel and fibre mesh. This enables it to withstand aggressive use including the impact of tractor wheels.
- You will note that there is no fall out in the back wall. It is straight. However there is a half moon shape on the front face to channel the feed to the cattle.
- They weigh 1.3 tons each.
- They won't fall over.
- Their dimensions of our barrier are as follows:- height of 610 mm (24 inches), length is 2400 mm (94 ") and width is 765 mm (30 ").
- They have a wide recess to make them easy to move. They can be easily lifted with the forks of a tractor.

Heavy Duty L Shape Feed Barrier Trough

- Our L shaped barrier has thick walls and is reinforced with steel and fibre mesh. This enables it to withstand aggressive use including the impact of tractor wheels.
- You will note that there is no fall out in the back wall. It is straight.
- Our heavy duty L Shape barrier's dimensions are as follows:- height of 915 mm (37 inches), length is 2400 mm (94 ") and width is 840 mm (34 ").
- They weigh 1.5 tons each.
- They have a wide recess to make them easy to move. They can be easily lifted with the forks of a tractor.



U Shape Feed Barrier Trough

- Included are pictures showing 50 young stock feeding around our U Shape barriers with room for 15 more.
- Two 88 mm diameter holes in the floor fit pipes that can be used to install T frames to enable fencing wire to be run along both sides of the trough. Please see the final picture.
- The wire prevents cattle from jumping into the trough. It also allows feed to be run at both sides of the trough to maximise efficiency and space.
- Our heavy duty U barrier's dimensions are as follows:-
- Height – 25 inches, Maximum Width 69 inches, inside channel width of 59 inches, 94 inches in length. They weigh slightly over two tons.
- Our barriers have thick walls and are reinforced with fibre mesh and steel which enables them to withstand aggressive use. (including the belt of a tractor wheel)
- They have a wide recess on both sides which makes them easy to move.
- End pieces are available that are easy to fit without the need for any bolts or fixings.
- The end pieces slot into a 2 in wide notch at either end of the barrier. The ends are interchangeable.



Low J Shape Feed Barrier Trough for Weanlings and Calves

- Our Low J Shape barrier's dimensions are as follows:-
- Height of Rear high wall – 27 inches, Height of low front wall 20 inches, Maximum Width 37 inches, width at the inside base 20 inches, 94 inches in length. (Just 2 inches short of 8 feet)
- Please note that our barriers have thick walls are reinforced with fibre mesh and steel which enables them to withstand aggressive use, Including the belt of a tractor wheel.
- They have a wide recess which makes them easy to move.
- End pieces are available that are easy to fit without the need for any bolts or fixings.
- We do not use ready-mix. All concrete is mixed in our specialised batching plant.
- We DON'T USE ready mix in our products.
- Vat can be reclaimed.



Mini Slurry Channels

- Slurry Channels can reduce costs for farmers by channelling effluent into one tank rather than investing in a series of tanks.
- As long as there is water in the channels the weight of the slurry will force it to float on top of the water along the channel.
- Our Mini Channels are Ideal for around a milking parlor or a calf house.
- The channel dimensions are 2 m (6 ft 7 in) long by 675 mm (2 ft 3 in) wide by 575 mm (1 ft 11 in) high. The channel walls are 100 mm (4 in) thick and they weigh 900 kgs.
- Our Channels fit neatly together using a grooved system. We recommend a sealer like Sikaflex to seal the channel joints.
- Our channels have thick walls and are reinforced with fiber mesh and steel.
- There is an Excellent finish and smooth surface to ensure the slurry flows steadily through our channels.
- We supply Slurry channels with a diagonal slot-
ted Lid.
- The lids are 2 m (6 ft 7 In) Long by 690 mm (2 ft 3 in) Wide and are 175 mm (7 In) thick. They weigh approx. 400 kgs.
- Four 16 mm diameter Lifting Sockets are built into both the channels and the lids. This enables the channels and the lids to be laid quickly.
- Lifting Loops are provided.
- The Slotted Lid is suitable for use with scraper systems. We find that most customers prefer slotted lids so they can clean into them with a scraper.

Regular Slurry Channels

- Slurry Channels can reduce costs for farmers by channelling effluent into one tank rather than investing in a series of tanks.
- As long as there is water in the channels the weight of the slurry will force it to float on top of the water along the channel.
- An end piece will always keep 18 inches of water within the channel system.
- Our heavy duty channel dimensions are 2.4 m (7ft 10 in) long by 1.2 m (4 ft) wide by 1.1 m (3ft 8 in) high. The channel walls are 100 mm (4 in) thick and they weigh 2.1 tons
- Included is a picture of the 16 mm re bar cage that is part of each channel.
- Our Channels fit neatly together using a grooved system. We recommend a sealer like Sikaflex to seal the channel joints.
- Our channels have thick walls and are reinforced with fibre mesh and steel.
- There is an Excellent finish and smooth surface to ensure the slurry flows steadily through our channels.
- We supply Slurry channels with a diagonal slot-
ted Lid.
- Our Heavy Duty Slotted Lids can bear the load of cattle and tractors (7 ton axle load). They weigh 1.2 tons and are 228 mm (9 inches) thick. They also have four 16 mm lifting sockets.
- Four 16 mm diameter Lifting Sockets are built into both the channels and the lids. This enables the channels and the lids to be laid quickly.
- Lifting Loops are provided.
- The Slotted Lid is suitable for use with scraper systems. We find that most customers prefer slotted lids so they can clean into them with a scraper.
- Also included are pictures of our Channels being installed on a farm in Listowel, Co Kerry.



T Joint for Heavy Duty Slurry Channels

- To the best of our knowledge this products is unique to McMahon's Concrete Products
- We also do single left and right hand corners. Slotted lids are also available for our T pieces and corner pieces.
- We also offer a stop end for all our slurry channel types. It fits into the end of channels with a bottom step for added stability.
- The T channel overall dimensions are 2.4 m (7ft 10 in) long by 1.77 m (5 ft 10 In) . The channel outlets are the same as our regular slurry channels ie 1.2 m (4 ft) wide by 1.1 m (3ft 8 in) high. The channel walls are 100 mm (4 in) thick.
- You may note that the edges of the T are rounded to ensure the Slurry flows freely. Also the joints are finished so that the T junction slots neatly into the adjacent slurry channels.
- Again lifting sockets are built into our T junctions, corners and end pieces for ease of installation. This enables the channels and the lids to be laid quickly.
- Lifting Loops are provided.
- Slurry Channels can reduce costs for farmers by channelling effluent into one tank rather than investing in a series of tanks.
- As long as there is water in the channels the weight of the slurry will force it to float on top of the water along the channel.
- An end piece will always keep 18 inches of water within the channel system.
- The Slotted Lid is suitable for use with scraper systems. We find that most customers prefer slotted lids so they can clean into them with a scraper.



End Pieces for Slurry Channels

- Slurry Channels can reduce costs for farmers by channelling effluent into one tank rather than investing in a series of tanks.
- As long as there is water in the channels the weight of the slurry will force it to float on top of the water along the channel.
- An end piece will always keep 18 inches of water within the channel system.
- Their dimensions are 1m (3 ft 3 in) Wide by 1 m (3 ft 3 in) tall by 200 mm (8 In) thick. The step is 540 mm (21 in) wide by 200 mm (8 in) in depth and is 100 mm (4 in) thick.



Lego Security Block

- Dimensions are 1.4 m long by 680mm wide by 700 mm high (excluding the two protruding lumps).
- Lump dimensions are 200 mm long by 200mm wide by 100 mm high.
- They weigh 1.6 tons each.
- Although they are not suitable to form structural walls they are commonly stacked two and three levels high for certain applications.





Rainwater Harvesting Tank 850 Gallon

- Potential uses include Rainwater Harvesting and collection of Effluent.
- Its Dimensions are 5ft 10 in Long by 5ft 10 in wide by 5ft 4 in high. The walls are 3.5 inches thick.
- Alternatively the metric dimensions are 1775 mm x 1775 mm x 1625 mm. The wall is 85 mm thick.
- The weight of the tank (Without the Lid) is 2.7 tons.
- Slotted and Solid Lids available. Each type of Lid has an Inspection cover.
- There is one 4 inch (100 mm) diameter input/ output hole on the top side of tank. Please see the attached picture.
- Sockets for lifting eyes are built into the tanks , the lids and the inspection covers. This ensures that our tanks can be easily moved and installed. Also the lids and inspection covers can be easily opened and closed..
- We include 4 lifting loops with our products.

Rainwater Harvesting Tank 1700 Gallon

- Potential uses include Rainwater Harvesting and collection of Effluent.
- Its Dimensions are 6 ft 4 in Long by 6 ft 4 in wide by 9 ft 10 in high. The walls are 3.5 inches thick.
- Alternatively the metric dimensions are 1940 mm x 1940 mm x 3010 mm. The wall are 85 mm thick.
- The weight of the tank (Without the Lid) is 5 tons. It comes in two halves which slot together. A layer of Sealant similar to Sikaflex may be used to bond and seal the two halves together.
- There is one 4 inch (100 mm) diameter input/ output hole on the top side of tank. Please see the attached picture.
- Slotted and Solid Lids available. Each type of Lid has an Inspection cover.
- Sockets for lifting eyes are built into the tanks , the lids and the inspection covers. This ensures that our tanks can be easily moved and installed. Also the lids and inspection covers can be easily opened and closed..
- We include 4 lifting loops with our products.
- We mix our own concrete in our specialised batching plant. This leads to a stronger mix.
- We NEVER use ready mix in our products.



Rainwater Harvesting Tank Slotted Lid

- Each Lid also has an 30 inch square Inspection cover. The Slotted lids are 6ft 5 in wide by 6 ft 5 in long. They are 10 inches thick and weigh approx 1 ton.
- Included is a picture of the 16 mm steel reinforcing cage that we incorporate into our lid.
- Sockets for lifting eyes are built into the lids and inspection covers. This ensures that the lids and inspection covers can be easily opened and closed.
- We include 4 lifting loops with our products.



Rainwater Harvesting Tank – Solid Lid

- Solid lids are 6 ft 5 in wide by 6 ft 5 in long and are 6 inches thick and weigh approx 700 kgs. They have a 30 in square solid inspection cover.
- Again there are sockets for lifting eyes built into the lids and the inspection covers. This ensures that the lid can be easily moved and installed.



Sheep dip tank

- Our tanks max volume is 340 Gallons and it weighs approx 2 tons.
- Lifting eyes are incorporated into the side walls and we provide 4 lifting loops to ease installation.
- There are 7 steps to enable the sheep to exit easily.
- It has Smooth Rounded Internal Walls and Edges to prevent injury to the sheep.
- The tank tapers internally to cut down on the amount of dip required.
- Its internal width tapers from 2 ft 3 in wide at the top to 1 ft 8 in at the bottom. The Internal depth is 4ft 4 in and the internal length is 8 ft 6 inches.
- Overall length is 9ft 8 inches. Overall depth is 4ft 10 inches and overall width is 2 ft 11 inches.
- The walls are 4 inches thick and the floor is 6 inches thick.
- The tank is fully Reinforced.



Water Trough

100 Gallon Outdoor Water Trough

- The dimensions of our 100 GI troughs are as follows:-
- Height – 20 inches.
- Length – 77 inches or 6 feet 5 inches.
- Width – 34 inches.
- Weight – 400 kg.
- The tank is fully Reinforced.



150 Gallon Outdoor Water Trough

- The dimensions of our 150 GI troughs are as follows:-
- Height – 27 inches.
- Length – 75 inches or 6 feet 3 inches.
- Width – 3 feet.
- Weight – 550 kg.
- The tank is fully Reinforced.



300 Gallon Outdoor Water Trough

- The dimensions of our 300 GI troughs are as follows:-
- Height – 32 inches.
- Length – 94 inches or 7 feet 10 inches.
- Width – 4 feet.
- Weight – 1550 kg.
- The tank is fully Reinforced.



500 Gallon Outdoor Water Trough

- The dimensions of our 500 GI troughs are as follows:-
- Height – 32 inches.
- Length – 102 inches or 8 feet 6 inches.
- Width – 64 inches or 5 feet 4 inches.
- Weight – 2000 kg.
- The tank is fully Reinforced.



Water Trough

Drainage Bung Assembly

Drainage Bung Replacement Instructions.

- To install them in your troughs
- It is important to insert the black rubber bushing into the trough before inserting the white drainage cap into the rubber bushing.

Please follow these instructions:-

- Place a line of silicon around each of the two notches on the black rubber bushing before inserting it into the trough.
- Insert the black rubber bushing into the trough.
- Once the black bushing is in the trough, place a layer of Silicon around the end portion of the White drainage insert before pushing the white drainage insert gently into the black rubber bushing



Sheep Drinking 60 Gallon Trough



Indoor 100 Gallon Trough

The specification for our Indoor Drinking Trough is as follows:-

- Capacity :- 110 GL
- Dimensions:- 85 in (Length) X 24 in (Wide) X 30 In (High)
- Large access to fresh drinking water while maximizing space.
- Rounded Edges for animal safety and strength.
- Withstands aggressive use.
- Recessed front and back for ease of movement.
- Top Fill to keep valves free of Grit and avoid leaks.
- Drainage cap is recessed for added protection.
- Simple lid protects the valve.



Water Trough Valves

Brass Valve



Philmac Brass Valve



Prestressed Wall Panels

- Prestressed Wall Panels are a Tried and Tested European Construction Technique. They are used widely throughout Europe for a wide variety of applications including storage bays, silage bunn-ers and farm sheds.
- They are long thick panels of concrete that contain prestressed steel cables. The panels vary in height from 1 to 1.5 m and in length up to 6.1 m. They are 140 mm thick and contain 7 strands of prestressed steel.
- There are tongue and groove joints along the horizontal edges so the panels slot into one another. They are placed between vertical Steel columns (RSJ's) to form walls.
- As the panels have prestressed steel, they can form stronger walls with less material.
- There is no need for Shuttering, block laying or plastering. Thus, Labour costs are significantly reduced.
- They are manufactured offsite inside a controlled environment leading to a durable high-quality finish so no onsite curing is required.
- Consequently, they are delivered ready for immediate use regardless of the weather conditions.
- Lifting inserts are placed in the panels to aid installation so they are Fast and Easy to install and they Can be repositioned or removed when required.



10 Foot A shape Bunker Dividing Wall

- They weigh 2,620 kg each, are 1.2 m wide and come in lengths of 1.2 m. Our bases are not hollow leading to a heavier wall.
- They may be used with heavy loaders and can withstand impact with heavy equipment.
- There is no leg to catch the wheels of equipment
- Material can be accessed right up to a wall.



L Shape Bunker Dividing Walls

- They are manufactured to a higher specification than the A shape bunker walls with more steel.
- The reason is that the user is usually driving up on top of the legs with the wheels of the loader.
- We can manufacture these walls 8 feet and 10 feet high and with / without the rear heel. All walls come in 4 foot section lengths. The bottom leg is 8 inches thick and is 5 feet 11 inches wide including the heel for the 8 and 10 foot high walls. (5 ft 3 inches wide excluding the heel) The walls shown here have a heel on the rear face for further stability.
- The 10 foot high wall weighs 2.5 tons each.
- The 8 foot high wall weighs 2.2 tons each.
- They may be used with heavy loaders and can withstand impact with heavy equipment.



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