



OUR WEBSITE

# MOORE CONCRETE

QUALITY PRECAST SOLUTIONS




## PRESTRESSED WALL PANELS

Ideal for **livestock** & **commercial** buildings and storage of **silage**, **grain** or **aggregate**



# PRESTRESSED WALL PANELS

Moore Concrete's Prestressed Wall Panels provide a strong, versatile, and durable solution for a wide range of agricultural and commercial applications. Available in various heights and thicknesses to suit specific project requirements, they are ideal for forming walls in livestock buildings, commercial warehouses, and for retaining bulk materials such as silage, grain, and aggregates. CE Marked and manufactured in full compliance with ISO 9001 standards, these panels are designed for rapid installation, structural strength, and long-term durability.

 Manufactured to EN 14992

Panel Depth	Panel Height				
	600mm (2')	1000mm (3'3")	1200mm (4')	1500mm (5')	2000mm (6'6")
100mm (4")	✓	✓	✓	✓	✓
150mm (6")	✓	✓	✓	✓	✓
200mm (8")		✓		✓	✓
250mm (10")		✓		✓	

## Applications include:

- Livestock Buildings, Commercial Buildings, Warehouses (100mm, 150mm)
- Silage, Feed Stuff, Grain, Aggregate, Coal (150mm, 200mm, 250mm)

## Product Features & Benefits

- **VERSATILE** - The wide range of sizes and depths allows a variety of applications. Panels can be easily removed and relocated to another location.
- **APPEARANCE** - The high-quality smooth finish enhances the visual appeal of any structure and allows for quick and effective cleaning. Formed surfaces achieve an F1 finish (as-struck from steel moulds), while unformed, worked surfaces meet a U2 finish, as classified for precast elements in industry standards.
- **CUSTOMISED** - Panels can be manufactured to specific lengths and with various stressing patterns, depending on the application. Options include single, double, and non-load-bearing designs to suit a wide range of structural requirements.
- **DURABILITY** - Manufactured to the highest standards, panels offer longevity. The concrete mix design used in the panels offers improved resistance to impact, weathering, and chemical exposure, making them ideal for demanding agricultural and commercial environments.
- **INSTALLATION** - Prestressed wall panels offer several advantages over traditional wall construction methods, which are often weather dependent, time consuming and typically require foundations. The panels arrive on-site individually labelled ready for rapid installation, significantly reducing both time and labour costs. Each panel includes two threaded sockets cast in the top edge to accommodate lifting equipment, making handling and positioning straightforward. The horizontal joint features a chamfered edge, providing space for sealant where necessary. Sockets cast into the face are used to secure the panels to RSJs. Handing instructions, including videos are available on our website for your convenience.

Panels can be fitted to the RSJ/Beam in 3 ways:



**(Left)** Bolted to the inside face, **(Centre)** Slotted in between, **(Right)** Bolted to outside face

Brackets can be used to secure panels to the face of the RSJ.



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