

CROOM

CONCRETE

Prestressed Wall Panel System



Introduction



- ▶ Croom Concrete has for many years been acknowledged as one of the market leaders in the Irish Market for the design & manufacture of precast concrete products, providing a high quality service, sound technical expertise and contract administration. We are committed to partnering concept through experience gained in operating long-term framework type contracts with national contractor etc. Croom Concrete has supplied a large amount of wall panels and bespoke precast to the Civil industry both here in Ireland and in the UK.



What are they?

- ▶ Pre-stressed concrete wall panels are a construction system widely used throughout Europe. Wall panels are pre-stressed and so this allows you maximum strength with minimum wall thickness.
- ▶ Wall panels have a wide range of applications and are particularly suitable for industrial units, storage units, bulk grain stores, large sheds, general warehousing, earth retaining walls, compost and waste storage etc.
- ▶ All our wall panels are manufactured in accordance with BS 8110 and BS 5502.
- ▶ All of our products are CE certified.



What are they?

Prestressed Wall panels have a wide range of applications and are particularly suitable for:

- ▶ Industrial units
- ▶ Storage units
- ▶ Bulk grain stores
- ▶ Large sheds
- ▶ General warehousing
- ▶ Earth retaining walls
- ▶ Compost and waste storage
- ▶ Etc.



Advantages

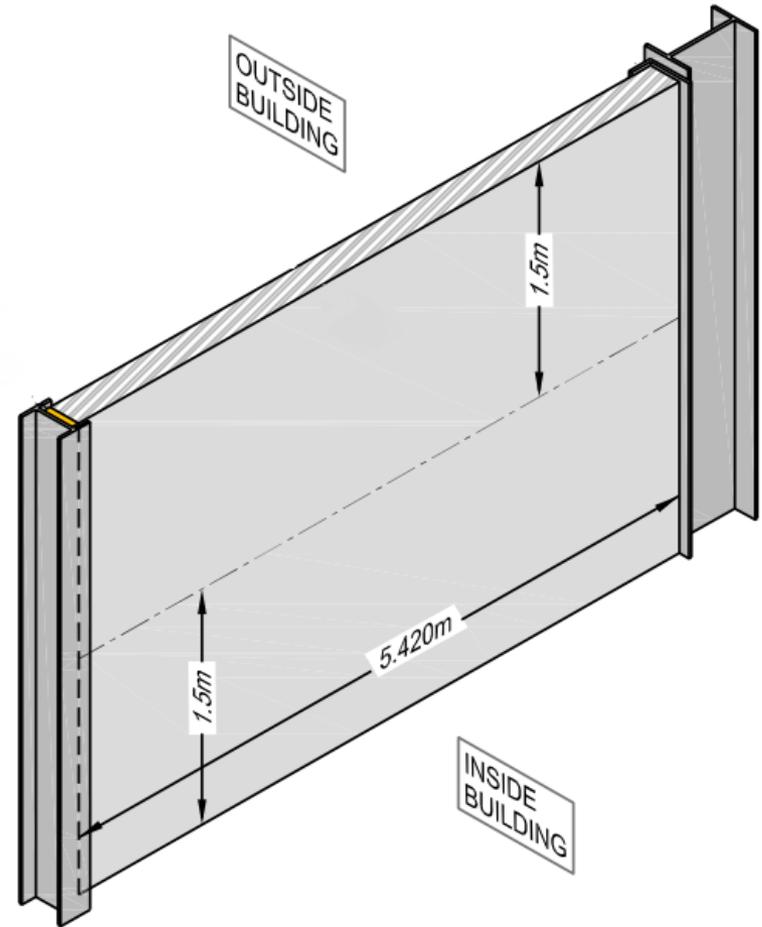
Prestressed Concrete Wall Panels are ready for immediate use once installed. These Wall Panels have significant advantages over traditional methods including;

- ▶ Cost saving
 - ▶ Durability
 - ▶ Quality Finish
 - ▶ Easily cleaned
 - ▶ Wall Panels are supported by steel columns
 - ▶ Rapid Build. Typically up to 200m² per day.
 - ▶ No builders or plasterers required.
 - ▶ No scaffold required.
 - ▶ No waste.
 - ▶ Panels can be installed regardless of weather conditions.
 - ▶ Panels can be removed or repositioned to meet changing circumstances.
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Sizes Available

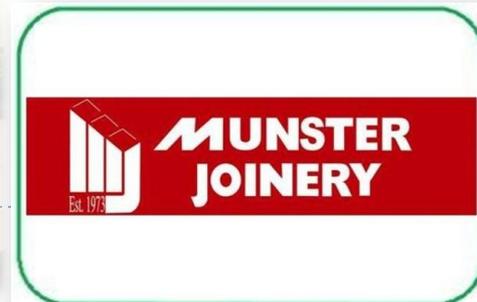
- ▶ Wall Panels are available in thicknesses from 95mm min to 180mm max.
- ▶ Pre-stressed Concrete Wall Panels can be manufactured to max spans of 5.5 metres using standard designs.



Case Study



- ▶ **Client:** Munster Joinery
- ▶ **Products Supplied:** 1080sqm of pre stressed wall panels.
- ▶ **The Job:** The panels were used in the construction of a new warehouse at the Ballydesmond site in Cork.
The panels supplied by Croom have a maximum length of 6140mm and a maximum height of 3000mm.
- ▶ **The Verdict:** Noel Maher of Fingleton White was the consulting engineer on the project. They chose an offsite solution for the manufacture of their external wall because of the construction constraints associated with a busy warehouse situation. They were very happy with the solution both with the quality of the product and the professional nature of the service.



Contact Information



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If there is anything further that you wish to know about Prestressed Wall Panels or any of the other products that Croom Concrete can offer then please contact one of the team.



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