

# CASTLE CABIN



## Modular Buildings

NZEB Compliant Modular Buildings, Designed and Manufactured at our Limerick facility, with Quick and Efficient Installation at your site.

# Modular Buildings



## Standard Features:

- Building fabric elemental U Values:
  - Roof –  $0.178 \text{ W/m}^2\text{K}$
  - External Floors –  $0.1 \text{ Wm}^2\text{K}$
  - Floor -  $.19 \text{ W m}^2\text{K}$
- The External walls provide 60 Minute Fire Resistance in both directions to EN standards.
- The Steel Portal Frame is intumescent painted to provide 60 minute **Fire Protection** to structural steel.
- Steel Framed Construction with Architectural Wall Panels giving a **50 Year + Life Expectancy**
- 2.7m Floor Ceiling Height.

Project Manage

Design

Build Offsite

Quick Installation

# Education

## Carrigtwohill Community College, Cork



- Turnkey Project
- Fully Fitted Out
- Designed ,  
Manufactured Offsite,  
Quick Onsite Installation.
- 5 Classrooms
- Separate Toilet Block
- Science Block.

## Limerick College of Further Education (LCFE)



- Spacious 85m<sup>2</sup> Lecture Room
- Highly Insulated
- Maximising Natural light.
- Rapid, Flexible and Cost Effective.

# Education

## St John's National School, Shannon



- 58m<sup>2</sup> ASD Unit.
- The Sensory Room provides a calming space for special needs students.





# Education

## Classroom Interior Images

### Limerick College of Further Education



### Coláiste Muire, Tourmakeady, Co Mayo



# Healthcare

## Cork University Hospital – Covid 19 Lab



- 85m<sup>2</sup> three unit Modular Building.
- NZEB Compliant.
- Flexible Design.
- 60 minute fire resistant external wall and door.

