

# Specification & Certification (BCAR)

## General Building Specification:

- 60-year structural design life
- Steel portal frame - fully demountable
- Low maintenance robust external architectural metal finished to roof & walls.
- 30-year warranty (min) on wall & roof panels
- 30 / 60 EI Fire Classification (depending on system used)
- Fully NZEB compliant
- Full Building Regulation Compliant
- A3+ BER Rating achieved by:
  - Wall U-Values up to 0.11W/m<sup>2</sup>K
  - Roof U-Values up to 0.16W/m<sup>2</sup>K
  - Floor U-Values up to 0.16W/m<sup>2</sup>K
- Airtightness: 3m<sup>2</sup> (hr/m<sup>2</sup>)
- Various Colours available.
- Multiple extra optional finishes available, larch, render, brick etc.
- U-PVC Windows & Doors. Aluminum Option available

Bespoke internal design conducted in accordance with Clients Specification and specific TDG / SDG 's

## Building BCAR Certification Provided:

- Modular Building Design & Manufacturing - Ed, Ei, Ec Ancillary Cert
- Substructure Design & Construction - Ed, Ei, Ec Ancillary Cert
- Mechanical & Electrical Design & Construction - Ed, Ei, Ec Ancillary Cert
- Substructure & Civil Works - Cs & Css Ancillary Certs
- Building Fit-Out Works – Cs & Css Ancillary Certs
- Mechanical & Electrical Installation – Cs & Css Ancillary Certs
- RECI Certified Electrical Installation
- Building Emergency Safety Systems Certification in accordance with IS & EN
- Test Reports (Fire Test Reports) in accordance with IS & EN