

Oasis Cassette® SIP's Panel



Sustainable architecture
construction



Oasis Habitats

INTRODUCTION

The Oasis Cassette® is a 100% organic SIP's panel, developed to enable rapid delivery of large scale construction projects.

Manufactured from ethically sourced and managed woodlands, the product is constructed using cross laminated timber "CLT", proving increased strength, loading capacity and longevity to that of OSB alternatives.

Above industry standard insulation is provided by means of naturally sourced flax, delivering anti-fungal and anti-bacterial properties which purifies air that passes through.

LARGE SPAN & MULTI-STORY CONSTRUCTION CAPABILITIES



Headlines



Oasis Habitats

Oasis Habitats Ltd 23-24 The Parade, Marlborough,
Wiltshire SN8 1NE
E: info@oasishabitats.com

FIRE RATINGS

Exterior wood - Tested burning rates at 90 minutes fire duration: walls 0.75 mm/min, ceilings 0.90 mm/min

Fire protection coating (surface B-s1, d0 according to EN 13501-1)

Internal Insulation - Flame Retardant EN-ISO 11925-2 and class B2

U-Values – Standard 0.24

Manufacturing

CNC Precision

ADAPTIVE FABRICATION

With our precision CNC fabrication and 3D modelling, the Oasis Cassette® can be produced to meet most sizes and shapes. Internal ladder construction enables pre-installation of Mechanical, Electrical & Plumbing “MEP” services. Saving time on site and money, whilst providing precision construction practices.

CASSETTE OFFERINGS

Produced in standard 5m x 2m cassettes, cassettes are constructed in various floor, wall and internal units, offering flexibility and cost efficiencies. Internal I-beam spans of 10m or more are available, as are internal heights.

REINFORCED LADDER INTERNAL ALLOWS FOR PRE-INSTALL OF MEP SERVICES



STANDARD SIZES

Exterior walls – 2.7m x 2m / 4m x 198mm
Floors - 2m x 5m x 284mm (max span 10m)
Internal walls - 2.7m x 2m / 4m x 192mm
Additional sizes fabricated to order

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OASIS CASSETTE® Overview

Organic SIP's panel
construction

PRODUCT

- 100% Sustainable Construction.
- Ethically Sourced Product.
- None Toxic Material Assembly.
- Anti-fungal & Anti-bacterial.
- Breathable Walls.
- CNC Precision Production.
- Rapid installation.
- Pre-installed MEP.
- Cost Effective.
- Increased Strength, Loading Capacity, Spans & Longevity.

OPPORTUNITIES

To find out more about OASIS CASSETTE® construction techniques and practices, or if you wish to discuss a particular project, please contact us at the address below.

NATURAL BREATHABLE TECHNOLOGY FOR HEALTHIER LIVING



“Bringing home the technology of nature with ZERO carbon construction”.

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