



Green Mews

Brighton, UK

Three sustainable homes built in a tight space and framed in just three weeks.

The site of these three new homes is completely enclosed by commercial and residential properties making excavating the heavy foundations challenging, disruptive and considered to be not commercially viable. But with lightweight Sylva CLT building kit by Stora Enso a building solution was found.

The homes are were engineered and installed by Olive Modular.

Biodiversity and energy efficiency are also considered with a sedum roof and the use of aerogel insulation. The development won an award from Sussex Heritage Trust after the properties achieved an outstanding Energy Performance (EPC rating of A:102).

Project Duration: 8 months

Area: 76 m² per unit

General

Delivery year

2020

Building type

1-2 Family Dwellings

Area (m²)

210

Storeys

2



Photo credit: Olive Modular

Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product quality

NVI (non-visual on both sides),
BVI (visual on both sides) and
VI (visual + non-visual)

Product volume (m³)

120



Photo credit: Olive Modular



Team

Developer

Portland Glass Ltd

Architect

DLS:ARCH Ltd

Structural Engineer

Thorpe Engineering Ltd

Main contractor

CLT Structures LLP
Olive Modular Ltd



Photo credit: Olive Modular

Others

Construction duration
(months)

8

Timber superstructure
erection duration (weeks)

3



Photo credit: Olive Modular