

**Four one-bed apartments built on a tight urban site next to the railway viaduct in Waterloo.** The site is as narrow as 7m in parts and only 20m long; the two-storey residential development has been built against three of the boundary walls, creating fire-resistant, weather-resistant external walls. Each apartment has large windows facing onto a shared courtyard. The lightweight structure avoided the necessity for substantial new foundation works and the prefabricated system facilitated construction within a confined space.

## SERVICES

structural design of timber superstructure  
supply and installation of timber superstructure  
supply and installation of insulation and cladding

## MATERIALS

crosslam, cassettes  
exposed timber finish

## INSTALLATION

3 days

## GIFA

160m<sup>2</sup>

## STORED CARBON

48 tonnes CO<sub>2</sub>



## CLIENT

Private

## ARCHITECT

Pringle Richards Sharrat Architects

## TIMBER ENGINEER

Eurban

## MAIN CONTRACTOR

D F Keane

## PROJECT VALUE

£350,000

## COMPLETION

2005

## ENVIRONMENTAL RATING

SAP rating 90

