

## Project case study

### Thames Lodge, St Bernards Hospital

#### Client

West London Mental Health NHS Trust

#### Main contractor

Kier Major Projects

#### Location

Ealing, West London

#### Sector

Mental health

#### Contract value

£1 million +

#### Products

Aluminium Safevent windows, Aluprof casement windows, doors & curtain walling



Thames Lodge is a new secure unit within the grounds of St Bernard's Hospital, West London. The West London Mental Health NHS Trust, Kier Major Projects and the project architects worked closely with the Britplas team to overcome a number of challenges associated with this user group and the location of the new secure unit.

The project required the creation of a secure perimeter within the building envelope, specifically the curtain walling. Working with our supply chain partners, Britplas' technical team came up with a series of enhancements that could be made to aluminium curtain wall sections various glazing types based on the attack resistances/criteria put forward by the client.

The bespoke screen passed a series of stringent tests overseen by the client's safety officer and head of security and furthermore, saved approximately 40% of the cost of the originally proposed steel option.

Britplas completed the full fenestration package for the project comprising aluminium Safevent windows, casement windows, doors and the bespoke curtain walling solution as part of a £1m+ contract.

**britplas**

