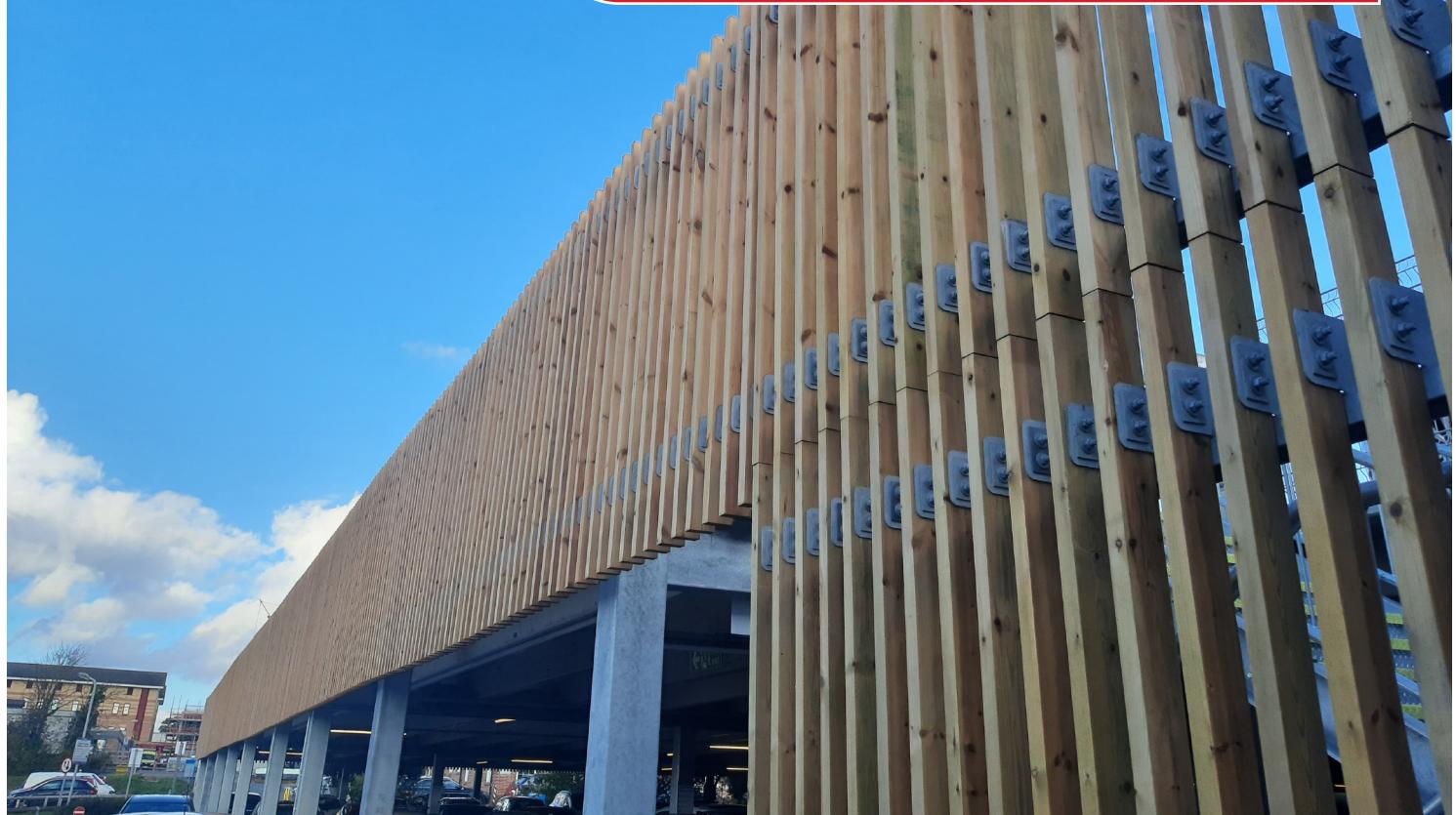


Colchester Hospital

**LOCATION:**

Colchester Hospital

DATE COMPLETED:

November 2020

CONTRACTOR:

Ballast Nedam Parking

CLIENT:

Dudley Smith Partnership

DESCRIPTION:

Additional single storey car park level

SYNOPSIS:

Colchester Hospital required an additional parking deck level above the existing one to accommodate for the increased demand for staff parking. Berry Systems were instructed to design, supply, and install the timber cladding on the car park, with fire-resistant cladding needed on the south side due to a boundary restraint on one elevation.

Berry Systems was able to specify products that met the client and contractors' requirements, whilst also meeting the budget for the scheme.

PRODUCTS INSTALLED:

- Brunnea treated 70% PEFC certified Scandinavian Redwood A Grade Timber Fins
- Secondary steelwork with connections to structural frame
- Eurobond A2 Fire Rated 'Rainspan' cladding in Oyster Grey

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Colchester Hospital

Berry Systems worked alongside the contractor Ballast Nedam Parking to design, supply, and install timber cladding to the car park elevations, and a fire-rated cladding from Eurobond to reduce fire spread to a nearby close boundary condition. Berry completed the façade works within 4 weeks, with nearly 4000m² of vertical timber and 400sqm of panelling being installed.

Berry's strong relationships with supply chain contacts meant they could work with timber cladding experts Norclad to provide a Brunnea-treated Redwood, which meets Euroclass B-S1-D0 and has a 30-year warranty against fungal decay.

Due to the boundary distance on the south elevation, composite panels with a 30-minute fire resistance were required. By using Eurobond Rainspan panels, it allowed the timber fins to be fixed to the outside, keeping a consistent aesthetic around the car park, as well as achieving the necessary fire resistance.



Key Highlights

- Berry Systems' expertise meant the appropriate products could be recommended for the scheme, within budget and suited to requirements.
- Safety was paramount on this project due to the busy hospital environment, but the experienced site team helped deliver the scheme with no disruption whilst parking remained live.
- Over 1,500 vertical timber fins installed around all elevations, to keep a consistent aesthetic and meet architectural requirements.

Specification

- Eurobond's Rainspan is a fully tested, robust, interlocking, stone wool core insulated panel system, with two-hour fire resistance.
- Combining the usual benefits of a composite panel, such as weather and acoustic insulation, the cladding also provides complete design flexibility.

Talk to one of our experts and find out how Berry Systems can make a difference to your next project

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