

case-study
byron house
nottingham trent
university

landmark **TM**



bespoke / bold / vibrant

The £60m redevelopment of Byron House is a new landmark not only for Nottingham Trent University but for the city itself.

The new buildings - which include the student union, living accommodation blocks up to nine storeys high, a sports hall and a 2,000-capacity music venue - stamp the university's mark on the centre of Nottingham and act as a gateway to its city campus.

The unique contemporary design of the complex is key to the university's efforts to attract students and staff in an increasingly competitive higher education marketplace.

The Byron House redevelopment is the largest project architects Church Lukas have done in the last decade.

TM supplied several products including the **terracotta rainscreen** cladding system **Argeton**; **Rockpanel** exterior cladding made from basalt; and **Reynobond** composite panels consisting of aluminium sheets bonded to a polythene core.



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TM / TAYLOR MAXWELL
The mark of choice.

The facade
choice played
a crucial part
in creating
vibrant and
exciting
surroundings.

taylormaxwell.co.uk/facades



/research

TM worked with Church Lukas from the very early stages of the project. It is not the first time the two firms have worked together and Church Lukas director John Freeman explained how **TM**'s input at the research and planning stages is crucial to the success of a build:

"When we start pulling a design together we have an idea of what materials we'd like the building to be constructed from.

TM offer us a broad range of materials and products, and they work closely with us to try to understand the quality of details we aspire to deliver to achieve the desired aesthetic outcome.

From an architectural point of view we are interested in texture, reflection, module size and colour: so our early discussions around material selection are quite detailed and required a level of input from **TM** which is well beyond the superficial.

We feel **TM** understand the language we as architects use which gives us the confidence to engage with **TM** at the design stage.

Then at the planning stage we'll have to present planners a palette of material that we're intending to use.

What **TM** have done for us on a number of projects that assists us immensely is to construct sample panels well before a contractor is brought on board: we work with them selecting materials and they will organise through their sub-contractor supply chain, partial facade samples to be built so that we can look at the details and colours on a larger scale. For us as architects that is incredibly useful, and ensures the buildings we deliver are very close to the images generate at the design stage."

/guide

Once planning permission was awarded and the project underway, **TM**'s experience and expertise helped Church Lukas get the best results from their partners on the build.

"Taylor Maxwell provide us with the technical support to make sure that the sub-contractors achieve the details that we know are achievable.

Because they understand the importance of the details to us, **TM** are able to offer that little bit of technical support to the argument at the right time which is invaluable.

That enabled us to ensure that the quality of building that we wanted was delivered, and none of the details of the design were watered down."

CHURCH LUKAS



When it comes to the build itself, the most important thing is a end result, and as John Freeman was happy to report:

“That was one of the greatest successes at Byron House: both the planner and the client were impressed at how close the building looks to the CGI images that were prepared at the very early stages of design.”



Reynobond

Reynobond is a composite panel consisting of two coil-coated aluminium sheets that are fusion bonded to both sides of a polythene core.

The product is perfectly adapted to inside as well as outside applications thanks to its excellent weather protection.

ArGeTon

The **ArGeTon** Terracotta Rainscreen cladding system combines the proven durability and natural beauty of clay with a simple support structure, to enable the designer freedom of expression and the builder a simple and quick installation process.

Rockpanel®

Rockpanel board material you can deliver cutting edge modern architectural approaches, such as layering and organic shapes, whilst always remaining focused on cost issues and installation times. **Rockpanel** products combine all the benefits of stone and wood, and are perfect for use in sustainable developments.

facing brick

Brick has been used for thousands of years and still provides an extremely versatile building material, providing endless design opportunities - both contemporary and by more traditional methods. More recently, architectural requirements have created a need for more innovation with regard to brick sizes, textures and a wide range of glazed finishes.

feeling inspired? contact your nearest facades solutions provider

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