



Uponor

Tombola Head Office

✓ £5 million was invested in Tombola's new high tech headquarters in Sunderland

✓ An integrated solution of underfloor heating, TABS and radiant panels was installed across all three floors

✓ Planks for the TABS were constructed offsite to speed up the installation process

Reference: Tombola Head Office Project

Tombola, the major online gaming company, have recently invested £5million in a new high-tech headquarters situated within Sunderland. It features the latest biophilic techniques - incorporating nature and natural elements into the design - and uses the most advanced glass in the commercial building industry.

Special attention was also taken to ensure the internal elements of the building matched the exterior. As such, the client requested a heating and cooling solution for all three floors of the building.

Uponor Involvement

Uponor supplied an integrated heating and cooling solution for all three floors of the building. On the ground floor and WC area, an underfloor heating solution was installed to provide an ambient temperature. Following this, TABS was fitted on the 1st and 2nd floor soffit to assist with creating a comfortable working environment. Radiant cooling panels were applied at an angle on the roof to blend into the building design and were painted black for a seamless finish (see pictures).

What made this project particularly unique was the fact that precast hollow planks (for the TABS) were constructed offsite in a factory in Ireland to speed up the installation process. The pipework for the planks was subsequently attached and measured by Uponor to ensure optimal heating and cooling could be achieved.

Once the planks were transferred to the main site, Uponor installed the central manifolds and ensured the pipework was correctly connected.

Benefits of the system

By installing TABS, the client will benefit from a system that is compliant with LEED and BREEAM. What's more, maintenance and lifecycle costs will substantially reduce in the long term.

In comparison to a HVAC system, TABS will help to reduce the energy consumption of the plant by activating the thermal mass of the building.

A 25 year guarantee is also offered on all TABS for added piece of mind and assurances.

Project details:

Contractor- Brims Construction Limited
M&E Contractor-Leybourne Urwin
M&E Consultant- Desco Design and Consultancy
Client- Tombola

Uponor contribution:

- Underfloor Heating (35sqmm),
- TABS (1000m)
- Radiant Cooling Panels (150sqm)

Reference pictures



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