

# Case Study

## Office



### The Palace Hub, Redcar

#### Facts about the project

The Palace Hub, Redcar,

Architect: Xsite Architecture, Newcastle upon Tyne

Contractor: Surgo Construction and Pennine Contracts

Project size: 100 Panels

Products: Ecophon Solo™ Rectangles 2400x1200x40



The Palace Hub is built on the prominent site of the old Palace Theatre on Redcar's seafront. The purpose of this innovative building is to provide a unique multi-use centre and high quality workspace for digital and creative industries in the area.

Designed by Xsite Architecture, the five-storey Hub provides a total of 35,712 sq ft of business space, incorporating 32 managed offices, workshops, studios and communal spaces. It also has a central courtyard which is open to the public.

The new building uses Thermally Activated Building System (TABS) to control temperatures. This method of construction is increasing rapidly due to sustainable building practices. However, the concrete walls and ceilings that are typical also create acoustically challenging environments which can hamper communication and concentration.

Ecophon's Solo™ Rectangles were used to improve acoustics throughout the building. This improvement will help create the ambience that will attract the rental occupants necessary for the success of the building and general development of the seafront area.

For more information please contact:  
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#### Environmental

Ecophon absorbers are made of glass wool, consisting of more than 80% recycled household glass. 3RD Technology is utilised in most products meaning that the traditional petroleum-based binder in the glass wool is replaced by a renewable plant-based binder. Waste materials from the company's production are recycled into drainage pellets, EcoDrain™.

