# Goldfinch Create & Play





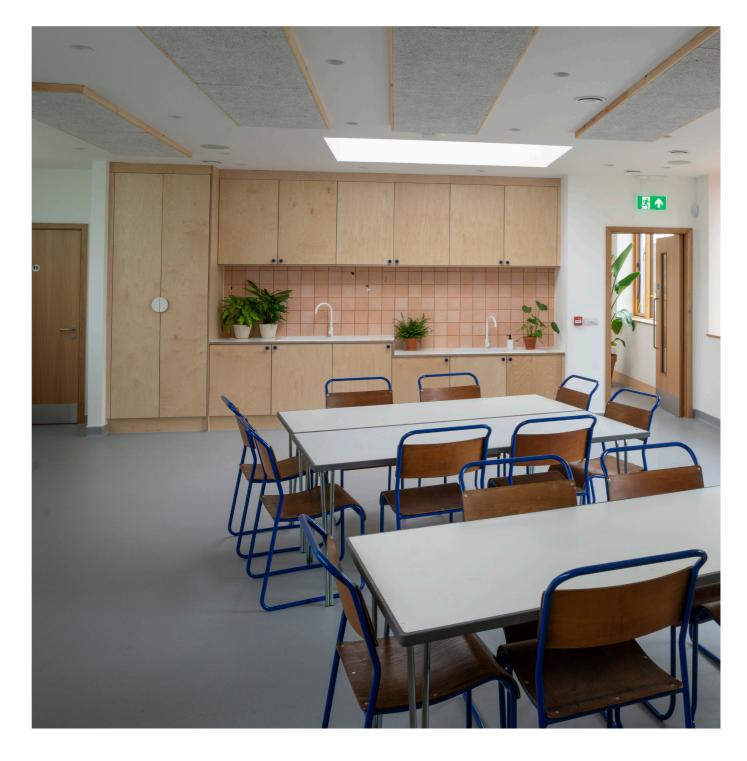




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#### Finalist

## Project category





Goldfinch Create & Play in Bristol is the world's first Passivhauscertified art café. The aim of client and founder of Goldfinch Create & Play, Nicole Strong, was to create a bright and welcoming environment to nurture wellbeing and creativity through children's play and craft.

Goldfinch provides a place for people to meet, make, connect, and heal. Delivering an inspiring, comfortable, and environmentally sustainable space for the community to gather.



## Key info

Project name: Goldfinch Create & Play

**Project location:** Bristol

**Building completion date:** July 2023

Building size (sqm): 150

Construction cost (approx.): £670,000

Construction type: Timber

frame

**Building use:** Commerical

### Project team

**Architect/designer:** Mark Finney, SEB + FIN Architects

Client: Nicole Strong, Goldfinch Create and Play

**Contractor:** Earthwise Construction

**Product manufacturers/** suppliers: Pasquill, Green Flare, Viking Windows, Medite, Pavatex, Isoquick, Pro Clima

Consultants: Ecospheric, Build Collective, Electrotech SW, Build Analysis and Testing, Zero Energy

## Highlights

Operational carbon reduction of 73% compared to building to Part L notional.

Use of only low VOC materials wherever possible.

Single air source heat pump (ASHP) is enough to supply the building's heating and hot water demand.

21 solar panels & 7kW battery offset much of the grid electricity requirement.

A1-A5 (construction only) = 190 kgCO2e/m2 GIAincluding biogenic storage.

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