



**Project name** Auchinleck New Community and Day Care Centre

**Market sector** Education

**Geographic sector** Scotland

### GDL products

Solarstore

Solarpipe

Penthouse Turrets

### Project details

The recently completed Auchinleck New Community and Day Care Centre is a £4.9 million new build community centre in Auchinleck, East Ayrshire, Scotland. The new centre has replaced the former much loved but fatigued building. This new state of the art facility completed in May this year includes a learning centre, library, a day care centre, general training, interview and community rooms as well as dining and kitchen facilities for the local community. The new centre is one of a number of projects that have taken place in the local area to provide the very best facilities for all age groups to enjoy.

### Project overview

GDL supplied and installed the most suitable product types within our Intelivent natural ventilation range that utilise both wind and solar power and also allow natural day-lighting throughout the building. This is a sustainable and cost effective method of providing energy efficient ventilation and lighting throughout the building. The Solarpipe is used in conjunction with the penthouse turrets to provide both lighting and controlled ventilation within the community centre. Our design team can size the turrets accordingly to meet the required light and ventilation needs for each specific space. The purpose of this system is to diffuse natural light into the building eliminating the need for artificial lighting providing a sustainable alternative to a wired costly lighting arrangement.

### Benefits of using GDL Products on the project

- Bespoke ventilation system created by our in house design team.
- Wind and solar power utilised to generate cost savings providing low energy consumption, low operating costs and low maintenance costs.
- Natural daylight solution installed to provide a sustainable and energy efficient alternative to artificial wired lighting.

