



Natural Daylight System

SUNPIPE® and SUNCATCHER® natural daylight systems have been installed at the Visitor Centre to use natural daylight to increase the lighting level and so reduce electricity consumption needed for lighting. The SUNCATCHER® systems also provide ventilation to the room.

4 SUNPIPE® systems have been installed:

- 2 in the public display area (look out for them in the ceiling);
- 1 in the Gents public toilet;
- 1 in the Ladies public toilet.

2 SUNCATCHER® systems have been installed:

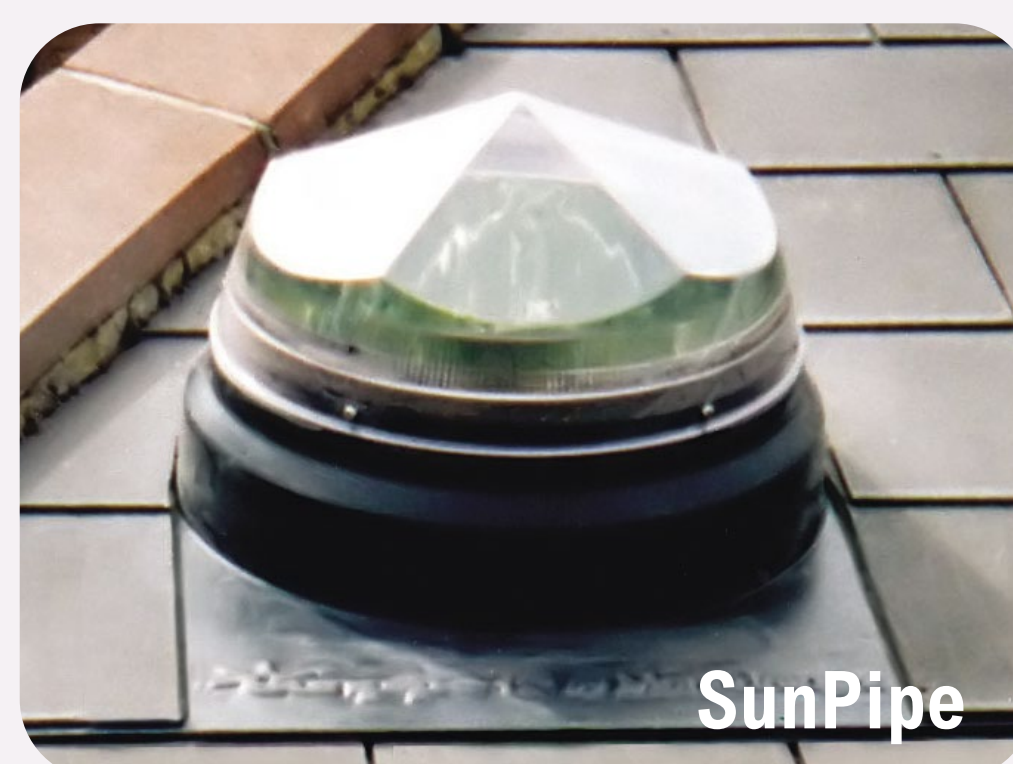
- 1 in each of the offices in the Visitor Centre



How it Works

A clear UV stabilised polycarbonate top dome seals the SUNPIPE® and is visible on the roof line. The systems reflect sunlight and normal daylight, down through a pure silver base mirror-finish aluminium tube into the room below. A diffuser at ceiling level evenly spreads light into the room or space below.

The SUNCATCHER® is designed to provide natural light and ventilation in one system. The system expels stale air from the room and brings in a supply of fresh air. This system is a sustainable, low energy, way to naturally light and ventilate a building as natural forces move the air rather than using electricity.



SunPipe



Internal



SunCatcher



Internal



For Your Home

Natural daylight systems are ideal for providing daylight into areas in the home where windows cannot reach and can reduce the need for electric lighting during daylight hours.

For more information, please email: climatechangefund@bedford.gov.uk