



Building 101

Year of Completion: 2008

Architect/Designer: Scott Brownrigg Main Contractor/Customer: Shepherds Construction

In the reception atrium at Building 101, there are three circular sky lights which required solar shading. Our task was to design, manufacture and install three cylindrical features to a specified diameter and length, which would allow enough light through and help to improve the acoustics of the space.

Created especially for the space at Building 101, the cylindrical features are designed to filter solar glare. Each cylinder was made different in length to make the hanging features more sculptural.

The fabric itself was selected by the architect, Scott Brownrigg, mainly for its acoustic properties. The chosen fabric, Acoustis 50, is specifically designed to offer acoustic absorption using a light and aesthetically pleasing material - unlike traditional methods of improving acoustics (foam, panels etc.)

Installation of the features was fairly tricky as access was not straightforward. As the roof lights were quite high off the ground, we needed a large machine in order to reach; however small doorways restricted getting the right machine in. The machine sourced had to be positioned extremely accurately so once the basket went up it would snugly fit inside of the cylinders.

Location:

Cambridge, UK

Category:

Interior

Market Sector:

Offices

Scope Of Works:

Design
Engineering
Manufacture
Project Management
Install

Fabric Type:

PVC Glass Mesh - Other

Function:

Acoustic
Light Control