



Case study

Built on Air - Q9 Edinburgh

Product Structural Fill EPS

Application Lightweight Fill Below Landscaping - 600m²

Q9 is a ten storey commercial building and part of Quartermile Project in Edinburgh. The project is part of Scotland's largest regeneration schemes - a prestigious, cosmopolitan mixed development designed by award winning international architects, Foster and Partners.

Being in the heart of Edinburgh, a World Heritage Site, the development required large public landscaped areas to be created.

Design problems were encountered around Building Q9 where the landscaping could not impose extra loading on the soil and foundations.

Our Structural Fill EPS Blocks were designed into the project to lighten the load allowing the landscapers to create the urban gardens they wanted.

Ground contours were built up using the lightweight EPS Blocks with thinner layers of soil placed over. This enabled planting of shrubs and laying of grass turf over the fill to create the desired landscape.

Bryan Mawer, Sales Manager for Sundolitt, states "EPS ticks all the boxes for these applications. In civil engineering traditional materials can place unacceptable horizontal and vertical stress on the underlying soil and surrounding structures. EPS is lightweight around 1% of traditional fill. It is very strong and rot proof, making it ideal for landscaping applications such as Q9".

Structural Fill EPS continues to prove its capabilities as a modern method of construction in Civil and Ground Engineering. Providing the solution to the UK's challenging, varied and often unstable ground conditions.



A Business Built on Air

EPS Benefits

-  Load Bearing
-  Lightweight
-  Resistant to freeze/thaw
-  ODP = 0 GWP = <5
-  Versatile
-  Fully Recyclable

For further enquiries please contact your regional sales manager:

Scotland, North England & Ireland

Bryan.Mawer@sundolitt.com

Mobile: 07880 201876

Central and Southern England

Neil.Sprackling@sundolitt.com

Mobile: 07966 538745

Follow us on LinkedIn



CONTACT US

 01786 471586

 enquiriesuk@sundolitt.com

 www.sundolitt.com