



THE LEVEL CAFÉ, BRIGHTON (UK)

PROJECT

'The Level' is Brighton's busiest central park owned by Brighton & Hove City Council. The area has recently undergone a £2.2 million complete restoration. The transformed park now provides a pleasant and thriving city centre open space that offers something for everyone to enjoy and get involved in. Brighton is a hot spot in the UK for environmental awareness and sustainability. These issues were of utmost importance to the Council on this project.

The focal point of the transformation of the park is the environmentally renovated 'The Level Café'. Run by a team of local entrepreneurs, it occupies a highly visible position at the heart of the park. The roof of 'The Level Café' is waterproofed with a HERTALAN[®] EPDM roofing system.

OUR SOLUTION

Eight *hertalan*[®] easy cover pre-formed made to measure sheets were used on the main roofing area where a green roof was to be overlaid. *hertalan*[®] easy cover offers ecological compatibility, long life span, root penetration resistance and a quick installation. The use of large pre-fabricated EPDM sheets greatly reduced the necessity for on-site jointing, ensuring that the whole roof area was quickly waterproofed. The factory bonds on a made to measure sheet are root resistant, is easy to fit and labour saving.

hertalan[®] EPDM strips were used to line the gutters. *hertalan*[®] EPDM strips are ideal for the construction of new gutters because the EPDM strips are completely resistant to acid rain and can be installed without joints. With a roll length of 20 mtr, installation is quick and easy. EPDM strips are available in different widths; this ensures there are minimum waste materials.

BUILDING OWNER

BRIGHTON & HOVE CITY COUNCIL

ARCHITECT

KNOX BHAVAN ARCHITECTS LLP

ROOFING PARTNER

ORGANIC ROOFS



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OUR SYSTEM

As part of the environmentally friendly restoration the single-storey café has high sustainability credentials, including: a wildflower green roof (which is wildlife friendly), solar and PV panels. HERTALAN® EPDM roofing systems perfectly fitted the strict environmental demands of the project. Our EPDM systems are ecologically compatible, do not leach any harmful chemicals and have a life span of more than 50 years (SKZ Study 2001).



COUNCIL'S REQUIREMENTS

The *hertalan*® easy cover EPDM made to measure roofing system met the Council's strict requirements on sustainability with its category 1A level, making it the most environmental friendly roofing system available. As part of the restoration the Council were very keen to incorporate a green roof. Another outstanding property of HERTALAN® EPDM roofing systems is the resistance against root penetration which makes HERTALAN® easy cover made to measure membranes ideally suitable for green roofs.



The Council was keen to incorporate a rainwater harvesting system on this project and therefore two boundary wall gutters were created with soil and vent pipes. The best and easiest solution for this rainwater drainage system was to use HERTALAN® EPDM preformed accessories. These accessories are suitable for a direct connection onto any HERTALAN® EPDM system in combination with EPDM adhesives and sealants or easy weld strip. In this case *hertalan*® easy weld accessories were used as a complete root resistant solution.



OUR ROOFING PARTNER

HERTALAN® UK works closely in partnership with Organic Roofs to provide a total solution for our clients for both the waterproofing and green roof. Organic Roofs can provide many options for the green roof including sedums, wildflowers and grasses or a complete bespoke mix, depending on the requirements of the client. The company has a team of installers who are fully trained in the installation of HERTALAN® EPDM roofing systems and have the back-up of the HERTALAN® UK technical team.



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