



# SIKA AT WORK

## CASPIAN WHARF, LONDON

SikaMembran®

**BUILDING TRUST**



# CASPIAN WHARF LONDON



## **SIKA ENSURES WEATHERTIGHT SEAL AT PRESTIGIOUS WATERSIDE DEVELOPMENT.**

At the £58 million Caspian Wharf waterside development in Bow, East London, five stunning new multi-storey apartment blocks will benefit from secure and durable weathertightness thanks to more than 8,000 linear metres of [SikaMembran® Universal](#) – the market leading waterproofing and sealing system from global building product manufacturer [Sika](#).

Built by Berkeley Homes, Caspian Wharf comprises 552 high specification new homes and extensive commercial space on the banks of the Limehouse Cut Canal. Split across a series of six contemporary blocks, the project has been built to an extremely high specification with all products and systems chosen to enhance the buildings' stylish aesthetics and stunning architecture.

For Phase Two of the Caspian Wharf development – the creation of five apartment blocks ranging from 6 to 12 storeys in height – high performance products and materials was once again a prerequisite. To provide an airtight and watertight seal around the building's window frames, in line with [Part L](#) (Conservation of fuel and power) of the Building Regulations, nearly 8,825 linear metres of [SikaMembran® Universal](#), an advanced waterproofing and joint sealing system was specified.

[SikaMembran® Universal](#) will help to prevent the loss of heated or cooled air from within the building to minimise wasted energy – ensuring the development meets stringent building standards for energy efficiency. Complementing the sealed double glazed windows, the system has also aided the building's acoustic performance by contributing to the reduction of noise from outside.

The [SikaMembran® Universal System](#) was specified and installed by specialist subcontractor BR Hodgson, appointed to deliver the complete façade package. Applied extensively across both buildings, the system was used to create a waterproof and airtight flexible seal between the aluminium/timber composite frames and cement particle board.

A versatile EPDM synthetic rubber membrane, [SikaMembran® Universal](#) has been specifically designed to provide an efficient method of sealing any construction gaps in building façades. Solvent free, durable, UV and ozone resistant, as well as 100% waterproof, it can also be bonded to many building substrates.

[SikaMembran® Universal](#) regulates and controls the amount of moisture escaping from the inside of a building thus minimising the risk of interstitial condensation. Manufactured in 25m x 0.6mm rolls, [SikaMembran® Universal](#) is available in a variety of widths ranging from 100mm to 1,400mm. On site it is simply cut to width and length and then fixed in place.

To ensure the membrane was securely fixed in place, BR Hodgson used the world renowned and unique [Sikabond® TF+N](#) sealant to provide a secure and reliable bond. The single part polyurethane-based elastic adhesive eliminates the need for mechanical fixings to provide a seamless, aesthetically appealing finish to a variety of substrates. It also offers a largely primerless adhesion.

**For further information call 01707 363893 or  
email: [sealingandbonding@uk.sika.com](mailto:sealingandbonding@uk.sika.com)**