



CASE STUDIES

BUILDING ENGINEERING

GEOSYNTHETICS



## FACEBOOK DATA CENTRE IN IRELAND

Product	JUTA UK GPH, JUTA UK GR-SAM	51 000 m <sup>2</sup>
Location	Clonee, Ireland	
Installation	2016 - 2018	

JUTA UK is leading the way with the new Facebook Data Centre in Ireland. As the first geosynthetic on site, JUTA Gas Protection geomembranes are being utilised to protect the building, and the future workers from Ground Gas emissions such as Methane, Carbon Dioxide and Radon. Following many months of working together in partnership with Baridek Services Ltd (Geosynthetic Installer), JUTA UK Gas Protection membranes were selected to provide the foundation for future proofing the development.

The Facebook project is split over two phases, and is planned to run through until early 2018. Phase one will deliver two buildings with a gross floor area of 50,800 square meters, including eight data halls and office space. Over 50,000 m<sup>2</sup> of JUTA UK Gas Protection geomembranes are being utilised in Phase one.

Ireland has been home to Facebook's international headquarters since 2009. Facebook CEO Mark Zuckerberg said: "We're glad to be investing in Ireland, to become a part of the Clonee community, and to continue building the massive infrastructure that connects our global community. Clonee Data Centre will be one of the most advanced and energy efficient data centres in the world. It will feature the latest server, storage and network designs developed through the Open Compute Project, and will be powered by 100 per cent renewable energy." The centre forms part of Facebook's continued development into improving technology and future proofing the multiple platforms.

JUTA UK is the leading supplier of Gas Protection geomembranes into the UK and ROI. Our customers always see the added value of JUTA UK products; from the comprehensive Technical support at desk study right through to site implementation, to the high quality of materials, manufactured to meet the specific requirements of the demanding construction environment. We are always striving to adapt to project demands, and stay at the forefront of product development by staying intimately involved with the various standards authorities.