

**CASE STUDY:**  
BECKTON PARKSIDE  
LONDON, UK

**JUTA**



**TITANTECH®**

# Ultimate cost saving with GP<sup>®</sup>1 gas resistant membrane

We don't need an 'Academy', or a 'Special Project Team' to demonstrate our ability to add value to projects and supply chains. As a multi-geosynthetics product manufacturer we have multiple solutions to any given problem.



**GP<sup>®</sup>1**

**Material**  
GP<sup>®</sup>1

**Volume:** 15,000 m<sup>2</sup>

**Date:** 2018

**Specialist Installer**  
UK Membranes

**Verification and sign-off**  
MEC Environmental



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JUTA UK commented:

**“We are keen to demonstrate that where appropriate advice is sought, cost effective measures can be implemented”**

**At JUTA UK, our task is not to over specify products to inflate short terms sales figures. It is to provide the best possible advice and most appropriate, cost effective, proven, sustainable and a durable solution for any given project requirement.**

In late 2018, the team were approached by one of our clients to assess whether we could offer an alternate system to a large commercial and residential development in SE London. The current scheme incorporated mixed-use office space, retail units, flats and residential houses. The proposed gas protective measures included a non-compliant ‘ultimate’ hydrocarbon vapour membrane and a full coverage venting system, over a footprint of 15,000 m<sup>2</sup>.

Our Geo-environmental experts completed a free technical assessment of the scheme. This included reviewing the ground investigation data. Following the review, it highlighted that the proposed measures were over-specified, and the site was relatively low risk for gas protective measures.

The team then set about completing a re-design for the site, and were able to reduce the scope of protective measures to incorporate our GP<sup>®</sup>1 gas resistant DPM in combination with the floor slab, to provide adequate protection for the scheme.

The process of review to re-design took a total of 2 weeks. With approval by building control on the revised scope a further 2 weeks. Resulting in a cost-saving to the developer of £420,145.17 on gas protective materials, time and installation costs.

This is one of the largest savings we have been able to offer a developer on a gas protective system – but highlights the need to engage with appropriately qualified persons to assist in the design and specification of such measures.

This process of overselling through over specification is unethical, and plagues our industry to the point of duress. We refuse to be tarred with the same reputation as some of our so-called ‘competitors’, and will forever remain ethical in our approach to problem-solving, placing the customer and clients best interests above our desire to make short term profit.

Our goal is to create long-standing relationships, built on trust, so that for that one project where we do advise the use of a specialist system with all the bells and whistles – you know we’re advising with your best interest in mind.

