



# Waterproofing Underground Structures: The Evolution of Gas Protective Measures

## CORE CURRICULUM - DOUBLE CPD POINTS

This session is designed to increase awareness of the requirements of structural waterproofing design for new builds, in relation to BS8102:2009, and the requirements to consider ground contamination and ground gas hazards, in relation to BS8485:2015 + A1 2109, such that appropriate material selection can be made at an early design stage. It will help you to understand the following topics:

- Structural Waterproofing
- Ground Gas Protection
- Conflicts in the Guidance
- Current Practice
- Practical considerations for design
- The next generation of innovative, sustainable materials



## Ground Gas Barriers - Guidance and Application

### SEMINAR

Content will cover the use of geomembrane materials used for radon; methane and carbon dioxide migration prevention into new buildings; the associated guidance; and relevance to applications in the built environment.

The seminar is designed for those with a basic understanding of ground gas protective measures looking to increase awareness and understanding.

## VOC/ Hydrocarbon Barriers - Guidance and Application

### SEMINAR

Content will cover the use of geomembrane materials used for VOC/Hydrocarbon migration prevention into new buildings; the associated guidance; and relevance to applications in the built environment.

The seminar concludes with a recent case study to demonstrate that where appropriate advice is sought, cost effective measures can be implemented.