



Concrete Basements

- *The design and construction of concrete basements* -



*Established in 1835 Engineers Ireland is the professional body for
Engineers and Engineering in Ireland.*

www.engineersireland.ie

*The Irish Concrete Society is a not for profit learned body established
in 1973 to support and encourage excellence in the use of concrete.*

www.concrete.ie

**A joint Engineers Ireland and Irish Concrete Society technical
seminar for all those involved in the design, specification and
construction of concrete basements**

Dublin: 8th February 2018

Engineers Ireland, 22 Clyde Rd. Dublin 4

Introduction

The successful development of a basement requires a thorough understanding of structural design and the construction methods to be employed, including an understanding of geotechnics. Basements become a functional part of the building envelope, as set out by the client and to do this they are normally required to prevent water from entering this envelope.

In this day-long seminar we will look at some of the challenges designers and contractors face in delivering concrete basements in Ireland. From planning (design planning – not statute planning) to finished work we will discuss some of the key factors to be considered during design and construction, critical details, examples and water proofing considerations. There will be plenty of opportunities to network and ask questions during discussion.

Who should attend

This seminar will be of interest to all those who are involved in the design, specification and construction of concrete basements: Consulting Engineers, Site Engineers, Main Contractors, Specialist Sub-Contractors and Ready-Mixed Concrete Producers. Clients may also find this seminar beneficial.

Seminar Topics

Session chair | **Paul Healy**, Director, OCSC

- Planning a basement | **Jenny Burrridge**, Head of Structural Engineering, The UK Concrete Centre
- Case study building: a contractors perspective | **TBC**
- Basement piling challenges | **Jonathan McGall**, Director, Dawson Wam
- Geotechnical design considerations | **Maurice Ryan**, Associate, Byrne Looby
- Structural design considerations | **Jenny Burrridge**, Head of Structural Engineering, The UK Concrete Centre
- Developments in basement waterproofing systems:
 - | **Ger Shortt**, Managing Director, RASCOR
 - | **Les Trayer**, Irish Business Manager, GCP Applied Technologies
 - | **Don Galvin**, Technical Services, Sika
- Case study building: Top down construction | **Chris Bakkala**, Managing Director, Bakkala Consulting Engineers
- Panel Q&A and Discussion.

Booking information

Venue:	Engineers Ireland, 22 Clyde Rd., Dublin 4		
Date:	8th of February 2018, registration from 8:30 a.m. for 9:20 a.m. start		
Duration:	Full day		
CPD hours	7		
Rate:	Irish Concrete Society / Engineers Ireland members	€195* / €245	
	Non-members	€245* / €295	
	<i>Rate includes all tea/coffee breaks and hot lunch</i>		
*Early –bird:	Available up to the 24th of January		
Cancellations:	No refund for cancellations – delegate replacement allowed.		
More info:	Phone the Irish Concrete Society (041)9876466 or visit www.concrete.ie		
Booking:	Phone Engineers Ireland (01)6651305 or visit www.engineersireland.ie		

This technical seminar is subject to a minimum number of participants. Adjustment to speakers / course topics may occur.

I enclose remittance for _____ places @ € _____ / delegate.

Total Remittance € _____

Please forward a list of delegate names and email addresses to:

Company: _____ Contact name: _____

Tel: _____ Email: _____

Payment options available:

Online booking - via www.engineersireland.ie

Cheques - Engineers Ireland, 22 Clyde Rd, Dublin 4