

## Introduction

Basements maximise available land space by providing greater capacity without increasing the building footprint. While basement design is well established and achievable, their successful development requires understanding the expectations of the client, associated performance requirements, and soil and ground water conditions. Evaluation of these provides the basis for the structural design, construction methods, and the waterproofing system to be employed.

In this half day online seminar we will look at the challenges of delivering concrete basements in Ireland. From design to choice of water proofing systems, our expert panel of speakers will discuss the key factors to be considered. There will be plenty of opportunities to ask the panel questions during discussion.

## Seminar Content and Speakers

### 09:30 Welcome

### 09:35 Introduction

Robert Laird, Client Site Manger, ESB

### 09:45 Scheme Design and Planning

Jenny Burrige, Head of Structural Engineering, The Concrete Centre

### 10:30 Geotechnical and Temporary Loading

Maurice Ryan, Associate Director, Byrne Looby

### 11:15 Break

### 11:25 Structural Design and Loading

Jenny Burrige, Head of Structural Engineering, The Concrete Centre

### 11:55 Types of Waterproofing Systems

Ian Crehan, Associate, O'Connor Sutton Cronin

### 12:25 Project Fitzwilliam Case Study

### 12:45 Questions and Answers

### 13:00 ENDS

## Date

30th November 2021, 9:30 am to 1pm

## Fee

ICS member rate: €60 / delegate

Non-member rate: €90 / delegate

A booking discount of 10% applies to groups of 10 or more

CPD: 3.5 hrs

## Booking Information

*This seminar is subject to a minimum number of participants.  
Minor adjustment to course content and speaker line-up may occur.*

**Booking email: [events@concrete.ie](mailto:events@concrete.ie)**

Please state clearly the event name, the names of all delegates, their email address and company, as well as a contact email and phone number for the booking.

Cancellations: A cancellation fee of 50% may be charged for confirmed bookings cancelled within 2 working days prior to the event. Non-attendances may be charged the full fee. Replacement delegates may attend instead.

All cancellations must be confirmed by email. The Irish Concrete Society will not be liable for any costs incurred in the event of this seminar being re-scheduled.

## Payment Options

**Cheques:** payable to: The Irish Concrete Society, return to:  
Platin, Drogheda, Co. Louth.

**Card Payment:** email [office@concrete.ie](mailto:office@concrete.ie) for details

**Electronic transfer:** Quote company name in the transaction reference, return to:  
[events@concrete.ie](mailto:events@concrete.ie)

**Name:** The Irish Concrete Society **Branch:** Bank of Ireland, Blackrock, Co. Dublin

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