



IRISH
CONCRETE
SOCIETY

Technical Seminar

Cold Weather Concreting



Who should attend:

- Local Authority Engineers
- Consulting Engineers
- Producers
- Main Contractors
- Specialist Sub-Contractors
- Site Supervisory Personnel

12th January 2021

A half-day online course dealing with the practical aspects of successfully placing concrete during cold weather

www.concrete.ie

Introduction

The negative effects of placing concrete in cold weather are well established. Concrete can be damaged to such an extent that it is unfit for use, has lower strength development or reduced durability. Therefore, it is important that precautions are taken to ensure that the performance of the Concrete is not unduly affected.

In this seminar we will deal with the practical aspects of successfully placing concrete during cold weather. We will also look at the damage caused by freezing temperatures to fresh concrete.

Seminar Content and Speakers

10.00 Welcome

10.05 Introduction and General Overview:

Weather, temperature effects, risk of concrete freezing

Mr Robert Laird, Client Site Manager, ESBI

10.35 Design Options for Cold Weather Concreting:

Material properties, concrete mix design, specification

Mr Vincent Anderson, Technical and Operations Manager, Kilsaran

11.05 Site Practice: Planning, Placing, and Curing:

Planning, transportation, placing, curing, striking time

TBC, John Sisk & Son

11.45 Break

11.55 Sampling and Testing:

Cold weather considerations and precautions

TBC, Mattest

12.15 Health and Safety Considerations in Cold Weather:

Weather, personnel, PPE, material, site considerations

TBC, John Paul Construction

12.45 Questions and Answers

13.00 Ends

Date

Online: 12th January 2021, 10am to 1pm

Fee

(includes course material)

ICS member rate: €60 / delegate

Non-member rate: €90 / delegate

Booking Information

Cancellations: No refund for cancellations – delegate replacement allowed.

Contact: events@concrete.ie or visit www.concrete.ie for more information.

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

Remittance enclosed for _____ **places @ €** _____ **/ delegate.**

Total Remittance € _____ **Company:** _____

Contact name: _____

Tel: _____ **Email:** _____

Payment Options Available

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

Electronic transfer: Quote company name in the transaction reference, return to: events@concrete.ie

Name: The Irish Concrete Society

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Sort Code: 90-10-28

Account Code: 85791285